

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004863.D
 Acq On : 01 Oct 2018 11:54
 Operator : JC/MD
 Sample : VX1001WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2018 7:07:51 PM

Quant Time: Oct 02 04:02:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161361	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	5.50	113	128633	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	
50) Toluene-d8	8.72	98	482294	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.14	95	177493	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64167	20.850	ug/l	98
3) Chloromethane	1.32	50	71219	19.074	ug/l	100
4) Vinyl Chloride	1.40	62	69721	19.909	ug/l	97
5) Bromomethane	1.64	94	45704	22.008	ug/l	98
6) Chloroethane	1.72	64	42960	21.168	ug/l	98
7) Trichlorofluoromethane	1.93	101	88401	20.390	ug/l	97
8) Diethyl Ether	2.19	74	37756	20.046	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49639	20.100	ug/l	99
10) Methyl Iodide	2.51	142	41960	12.697	ug/l	99
11) Tert butyl alcohol	3.07	59	87527	97.083	ug/l	99
12) 1,1-Dichloroethene	2.37	96	47250	19.319	ug/l	95
13) Acrolein	2.29	56	43031	67.083	ug/l	97
14) Allyl chloride	2.73	41	108134	20.264	ug/l	95
15) Acrylonitrile	3.15	53	201092	101.321	ug/l	99
16) Acetone	2.45	43	187653	99.685	ug/l	97
17) Carbon Disulfide	2.57	76	134893	18.355	ug/l	100
18) Methyl Acetate	2.78	43	105260	22.070	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	185247	21.959	ug/l	96
20) Methylene Chloride	2.85	84	59108	21.111	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	52013	19.427	ug/l	97
22) Diisopropyl ether	3.87	45	186414	20.745	ug/l	93
23) Vinyl Acetate	3.82	43	835164	101.535	ug/l	95
24) 1,1-Dichloroethane	3.70	63	103478	19.305	ug/l	99
25) 2-Butanone	4.70	43	269316	97.058	ug/l	96
26) 2,2-Dichloropropane	4.58	77	75012	20.096	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	57557	19.244	ug/l	94
28) Bromochloromethane	5.02	49	48919	19.380	ug/l	90
29) Tetrahydrofuran	5.15	42	171297	99.324	ug/l	92
30) Chloroform	5.21	83	99736	19.687	ug/l	98
31) Cyclohexane	5.57	56	80901	19.720	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	81062	19.593	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68484	17.582	ug/l	99
37) Ethyl Acetate	4.86	43	96521	18.668	ug/l	98
38) Carbon Tetrachloride	5.78	117	69283	16.921	ug/l	98

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Quant Time: Oct 02 04:02:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78304	19.687	ug/l	94
40) Benzene	6.14	78	218909	17.951	ug/l	99
41) Methacrylonitrile	5.06	41	52996	18.482	ug/l	96
42) 1,2-Dichloroethane	6.20	62	81408	18.884	ug/l	98
43) Isopropyl Acetate	6.46	43	140101	18.773	ug/l	96
44) Trichloroethene	7.21	130	57500	19.181	ug/l	94
45) 1,2-Dichloropropane	7.52	63	60444	20.212	ug/l	97
46) Dibromomethane	7.66	93	38889	20.692	ug/l	97
47) Bromodichloromethane	7.90	83	72807	20.691	ug/l	98
48) Methyl methacrylate	7.78	41	73584	21.724	ug/l	92
49) 1,4-Dioxane	7.76	88	28847	342.793	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	503846	107.225	ug/l	92
52) Toluene	8.79	92	136333	20.346	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	81380	20.466	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	88813	21.324	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	59021	20.108	ug/l	98
56) Ethyl methacrylate	9.18	69	85864	19.858	ug/l	93
57) 1,3-Dichloropropane	9.37	76	98254	20.113	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	245235	105.685	ug/l	93
59) 2-Hexanone	9.49	43	389347	99.432	ug/l	93
60) Dibromochloromethane	9.59	129	58474	19.920	ug/l	99
61) 1,2-Dibromoethane	9.67	107	61521	19.571	ug/l	98
64) Tetrachloroethene	9.34	164	57114	17.802	ug/l	97
65) Chlorobenzene	10.14	112	155611	18.617	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	56017	19.063	ug/l	98
67) Ethyl Benzene	10.26	91	248251	18.707	ug/l	98
68) m/p-Xylenes	10.36	106	198172	38.215	ug/l	96
69) o-Xylene	10.70	106	94645	19.871	ug/l	96
70) Styrene	10.71	104	161440	19.487	ug/l	98
71) Bromoform	10.86	173	46771	18.591	ug/l	# 100
73) Isopropylbenzene	11.02	105	250878	20.068	ug/l	99
74) N-amyl acetate	10.90	43	121568	18.822	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	96041	18.873	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87449m	19.672	ug/l	
77) Bromobenzene	11.26	156	71341	19.647	ug/l	98
78) n-propylbenzene	11.36	91	290649	20.263	ug/l	99
79) 2-Chlorotoluene	11.42	91	176865	19.782	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	215585	18.692	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	25967	17.286	ug/l	98
82) 4-Chlorotoluene	11.51	91	209541	19.911	ug/l	99
83) tert-Butylbenzene	11.77	119	207055	20.117	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	223348	18.778	ug/l	97
85) sec-Butylbenzene	11.94	105	250645	19.993	ug/l	99
86) p-Isopropyltoluene	12.07	119	224408	19.757	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	128232	18.912	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	132009	18.860	ug/l	99
89) n-Butylbenzene	12.39	91	195929	18.993	ug/l	96
90) Hexachloroethane	12.60	117	34412	18.196	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	129894	18.332	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20919	18.722	ug/l	95

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ClientSampleId :
VX1001WBSD01

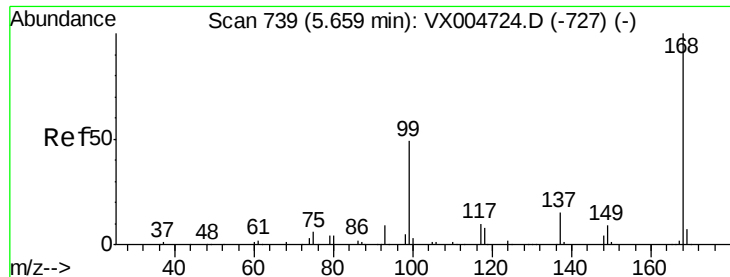
Manual Integrations
APPROVED

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10/4/2018 7:07:51 PM

Quant Time: Oct 02 04:02:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92906	18.691	ug/l	99
94) Hexachlorobutadiene	13.78	225	44688	17.338	ug/l	95
95) Naphthalene	13.83	128	292677	18.205	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	98602	19.203	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



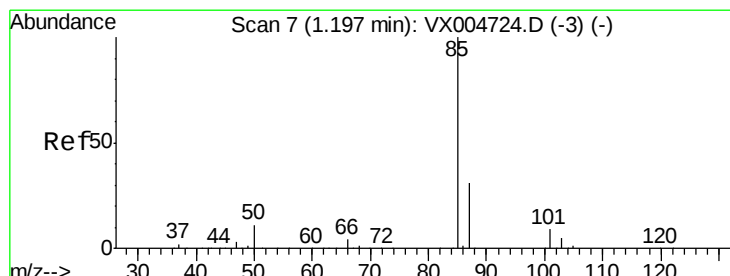
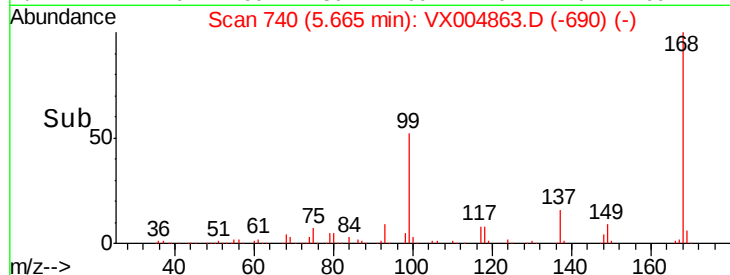
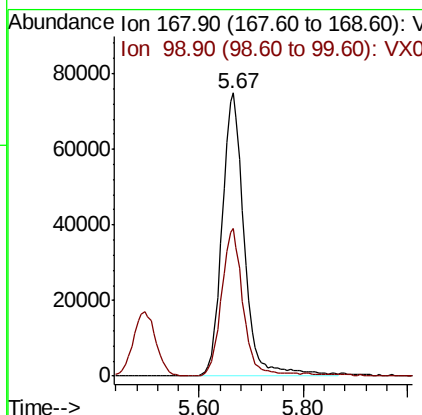
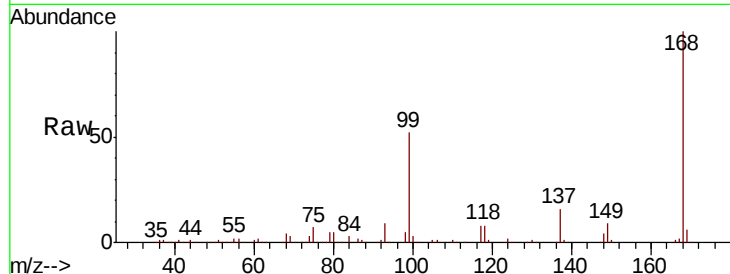
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.1	39.9	59.9

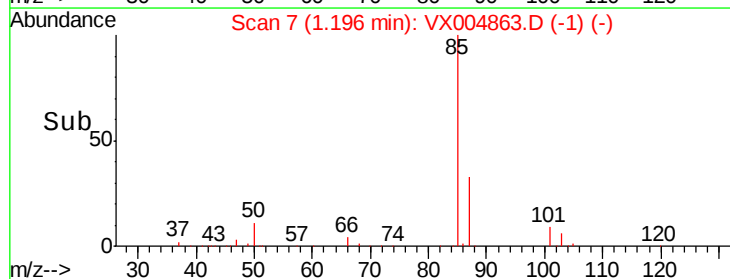
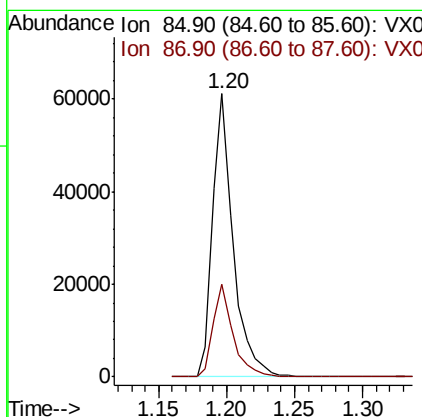
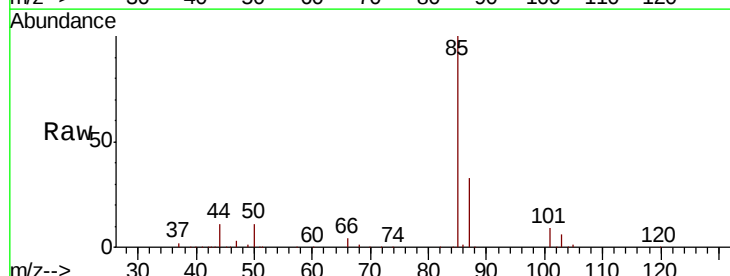
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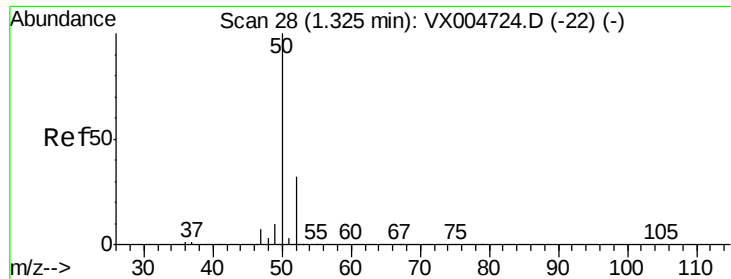
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#2
Dichlorodifluoromethane
Concen: 20.850 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	17.0	50.9





#3

Chloromethane

Concen: 19.074 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

Tot Ion: 50 Resp: 71219

Ion Ratio Lower Upper

50 100

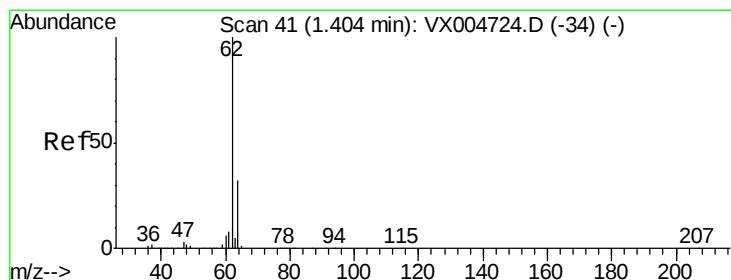
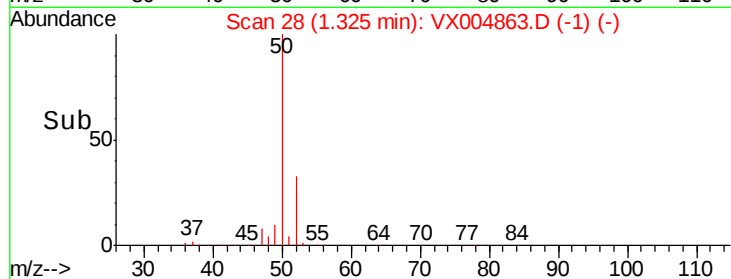
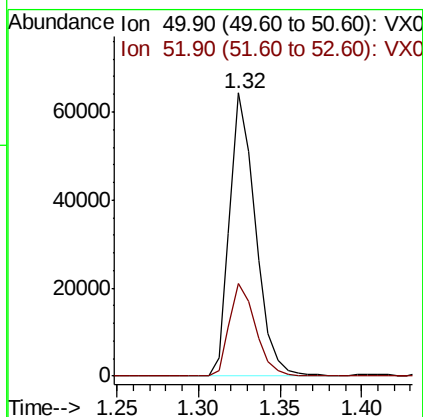
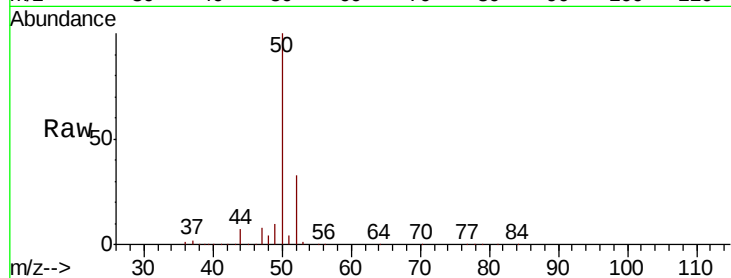
52 32.8 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.909 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004863.D

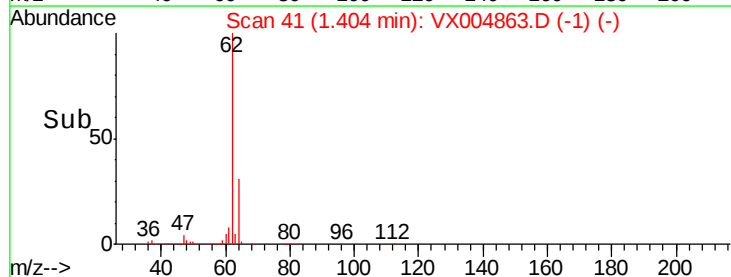
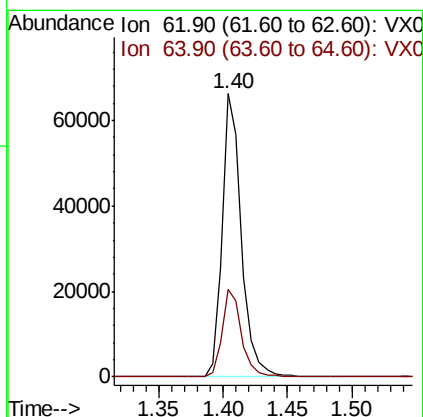
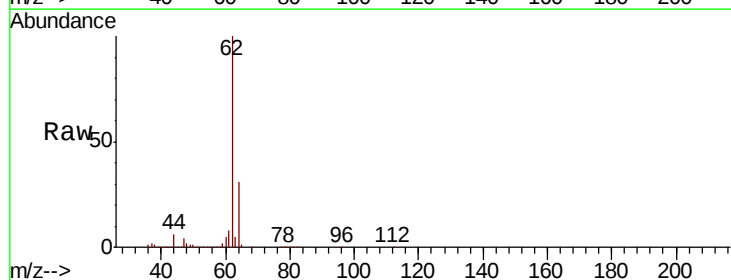
Acq: 01 Oct 2018 11:54

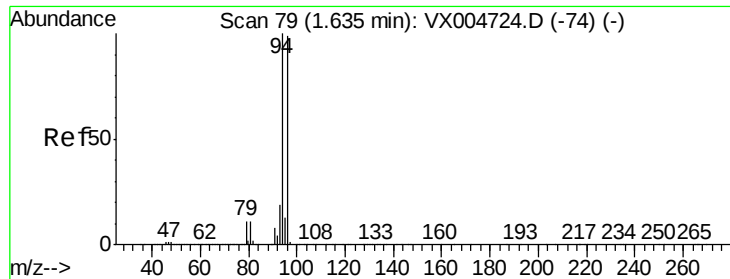
Tgt Ion: 62 Resp: 69721

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8





#5

Bromomethane

Concen: 22.008 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

Tot Ion: 94 Resp: 45704

Ion Ratio Lower Upper

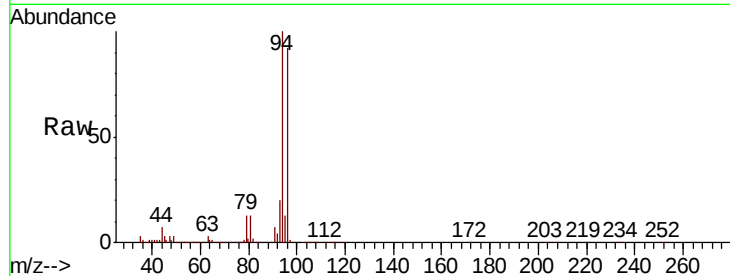
94 100

96 91.6 74.5 111.7

Manual Integrations
APPROVED

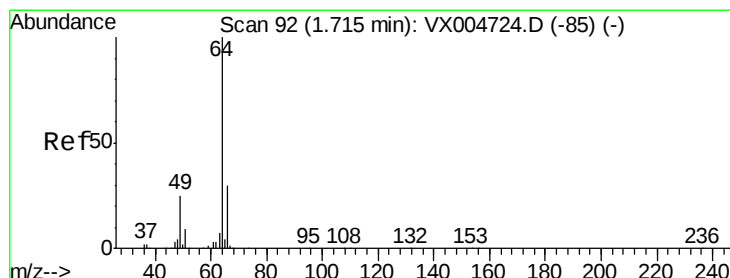
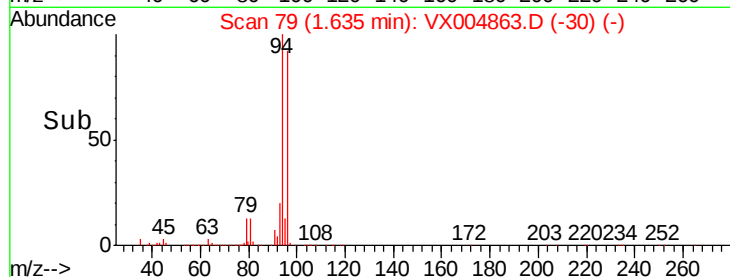
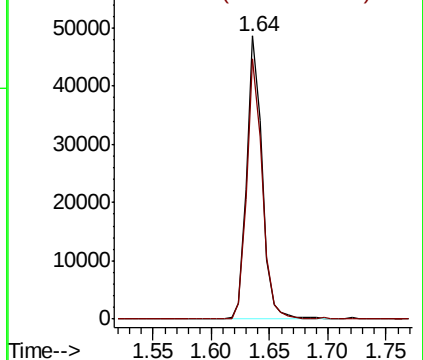
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.168 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004863.D

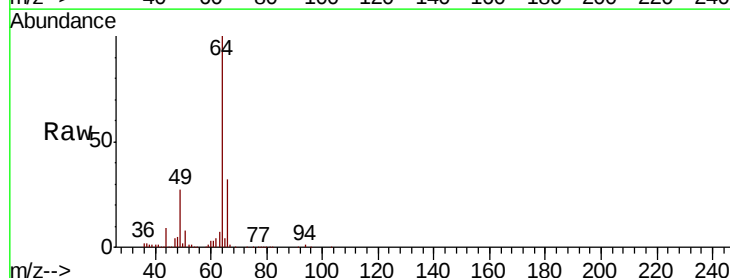
Acq: 01 Oct 2018 11:54

Tgt Ion: 64 Resp: 42960

Ion Ratio Lower Upper

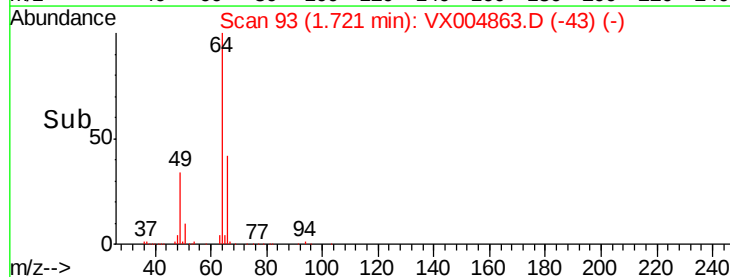
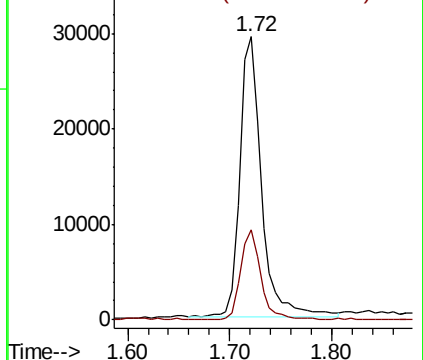
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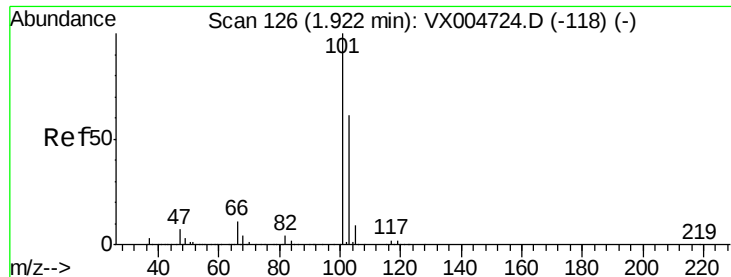
66 31.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

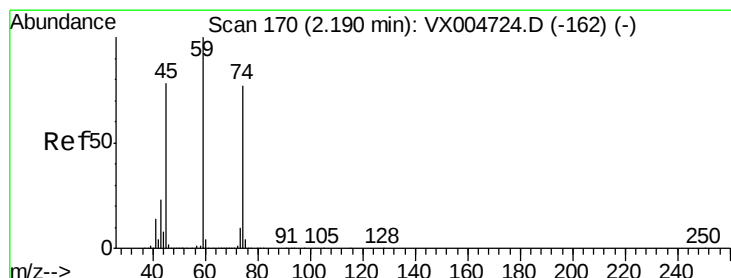
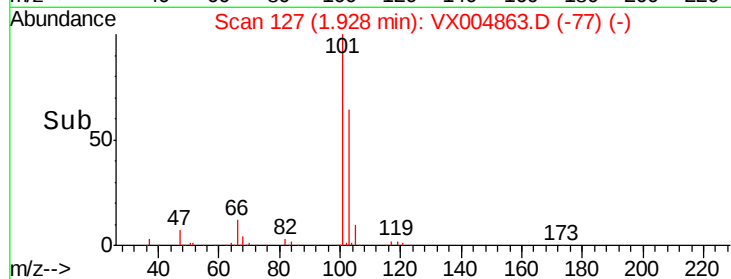
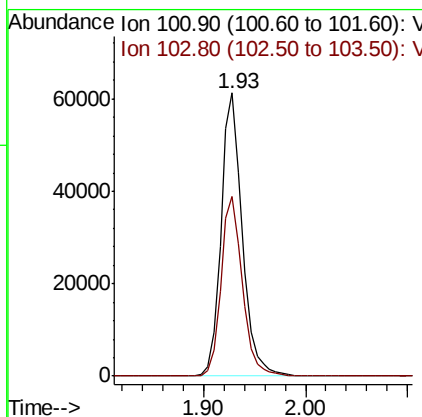
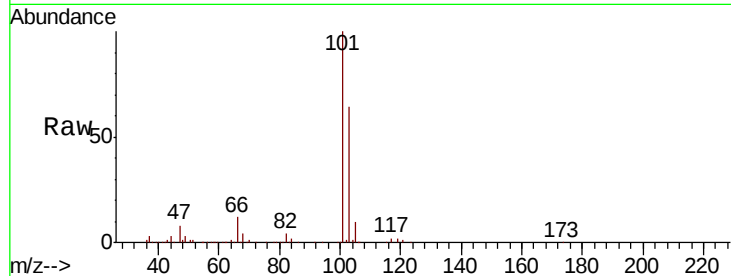
Trichlorofluoromethane
Concen: 20.390 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

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ClientSampleId :
VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	48.9	73.3

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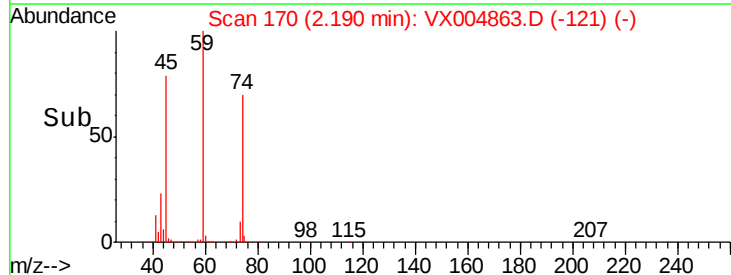
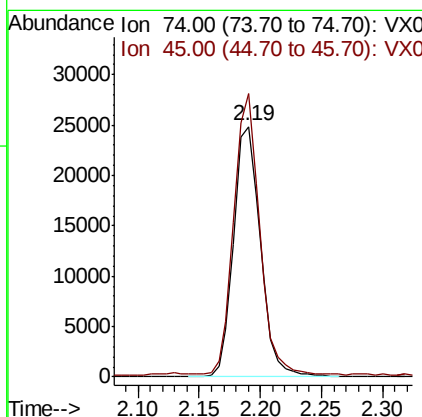
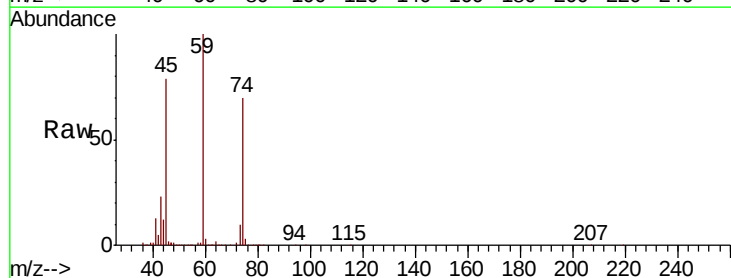
MMDadoda
10/4/2018 7:07:51 PM

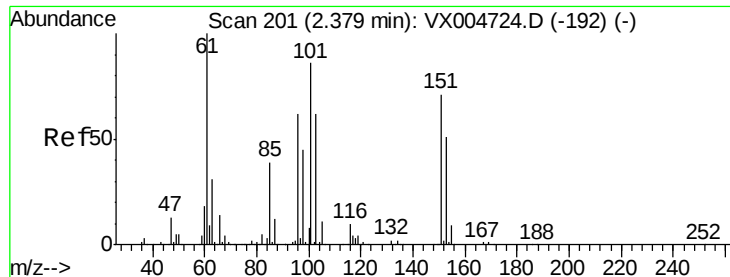


#8

Diethyl Ether
Concen: 20.046 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.0	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.100 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

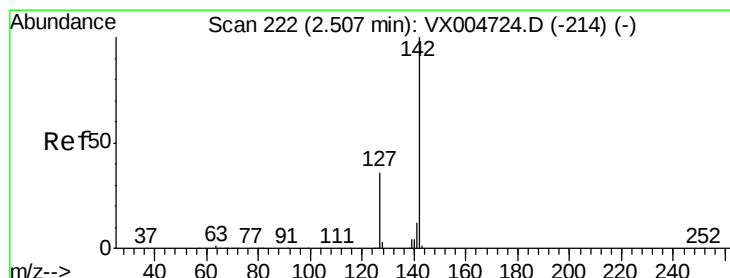
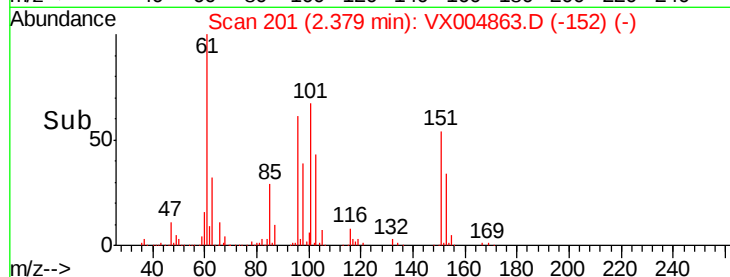
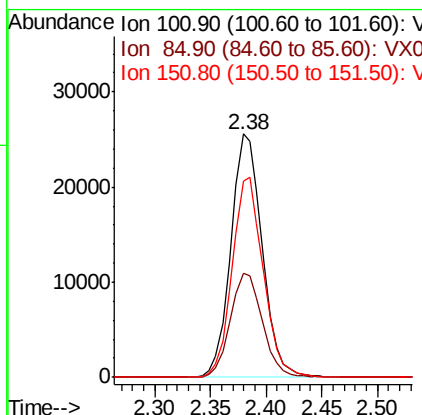
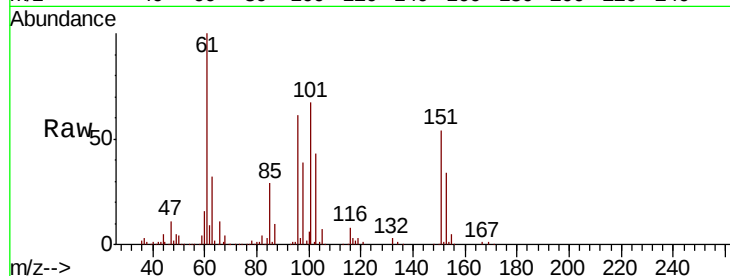
ClientSampleId :

VX1001WBSD01

Tot Ion:	101	Resp:	49639
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.2	51.4
151	81.9	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 12.697 ug/l

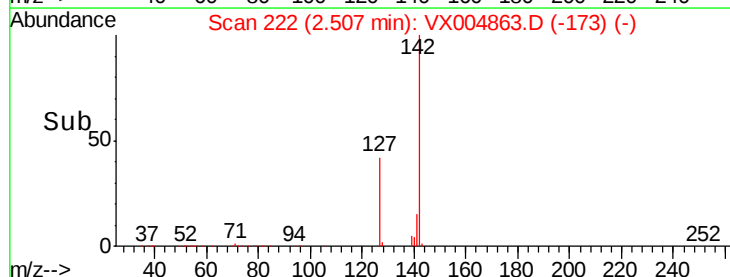
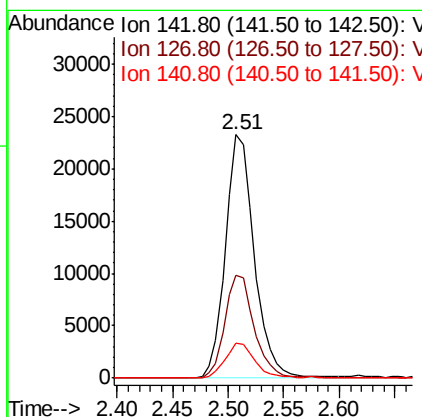
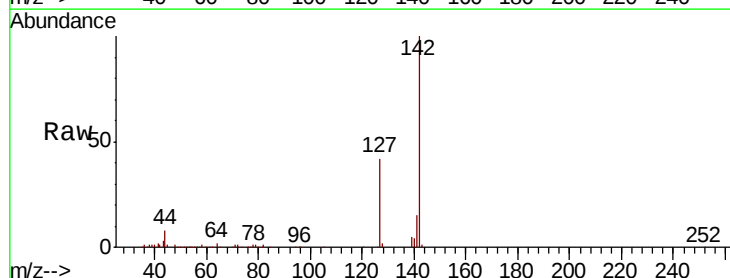
RT: 2.51 min Scan# 222

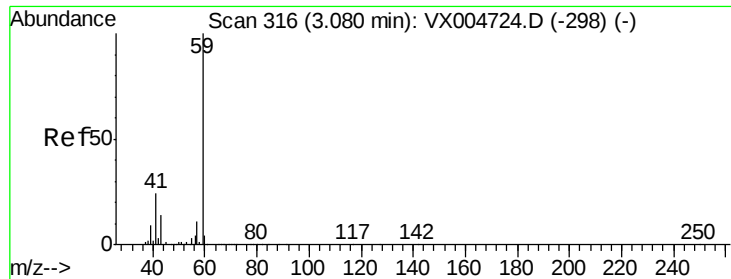
Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Tgt Ion:	142	Resp:	41960
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.8	50.6
141	14.9	11.4	17.0





#11

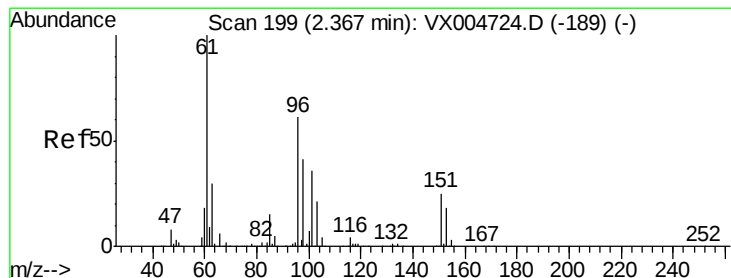
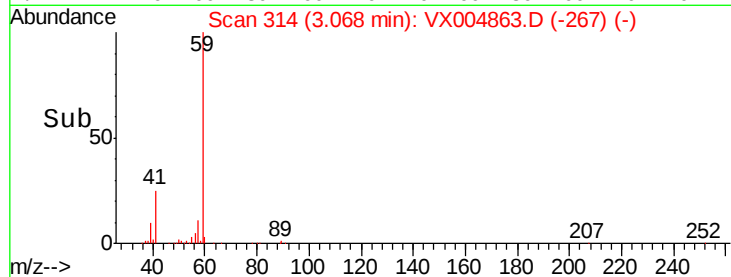
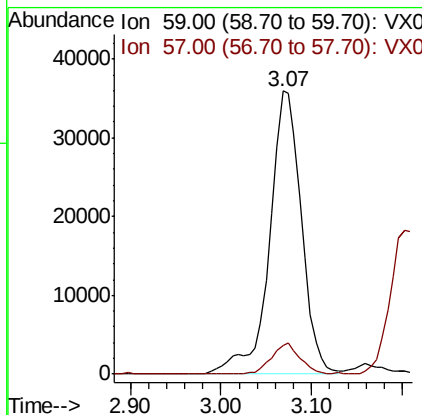
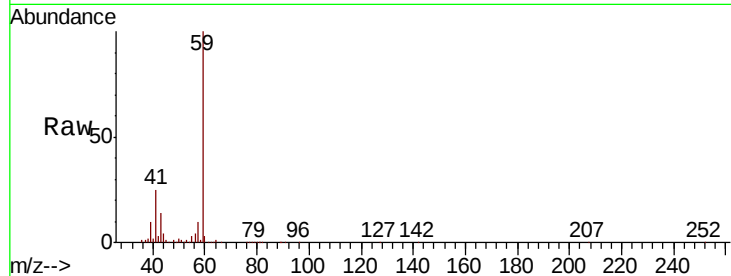
Tert butyl alcohol
 Concen: 97.083 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

Tot Ion	59	Resp	87527
Ion Ratio	100	Lower	Upper
57	10.1	8.2	12.4

Manual Integrations
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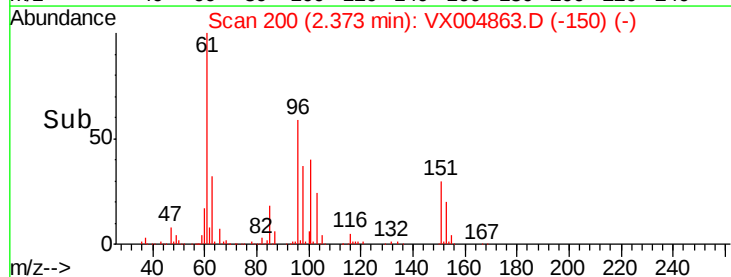
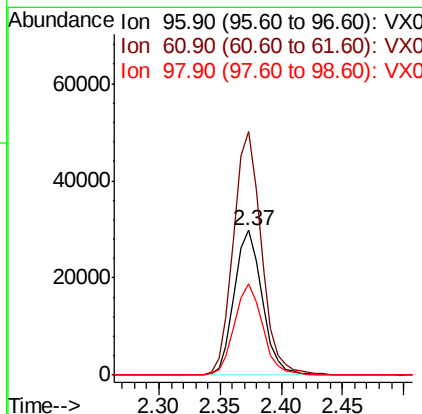
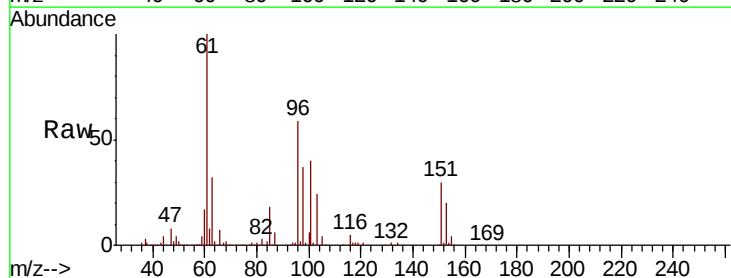
MMDadoda
 10/4/2018 7:07:51 PM

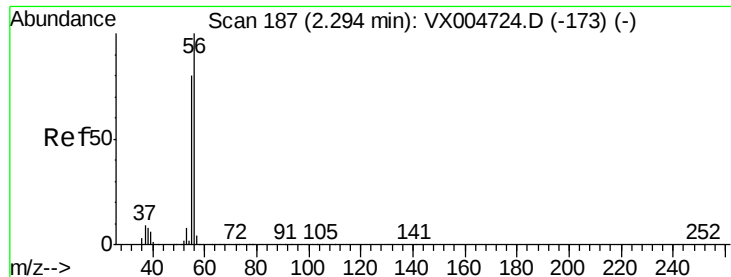


#12

1,1-Dichloroethene
 Concen: 19.319 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion	96	Resp	47250
Ion Ratio	100	Lower	Upper
61	167.9	128.8	193.2
98	62.8	52.2	78.2





#13

Acrolein

Concen: 67.083 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

Tot Ion: 56 Resp: 43031

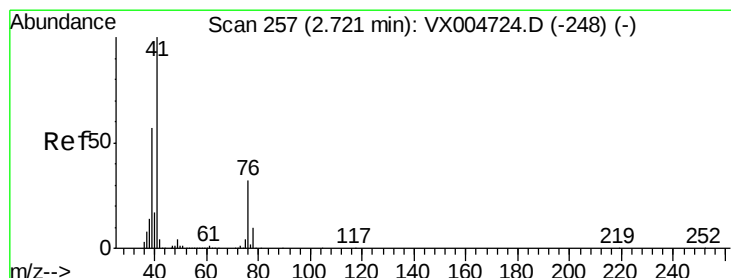
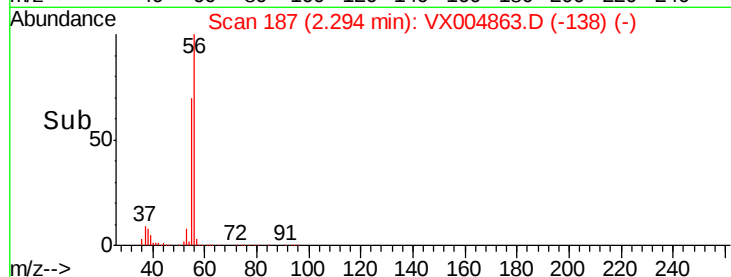
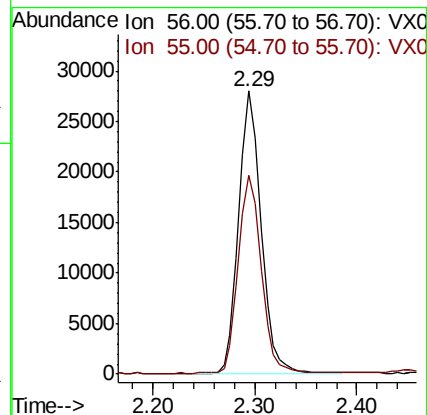
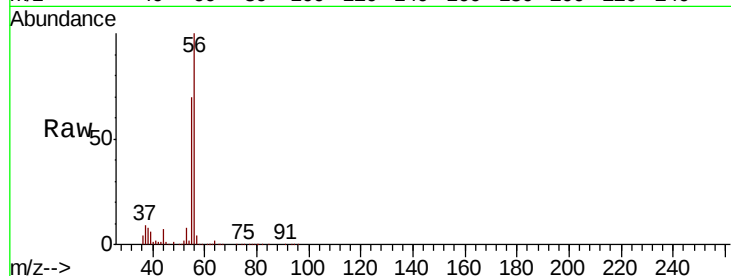
Ion Ratio Lower Upper

56 100

55 71.2 54.7 82.1

Manual Integrations
APPROVED

MMDadoda
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#14

Allyl chloride

Concen: 20.264 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

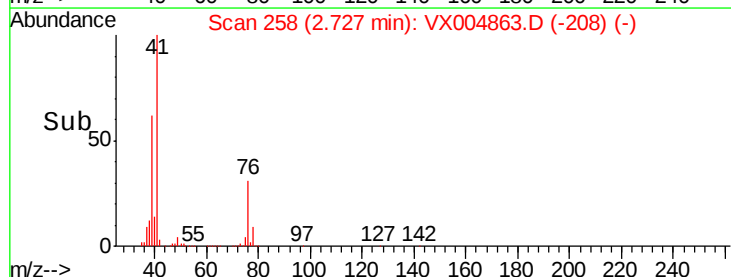
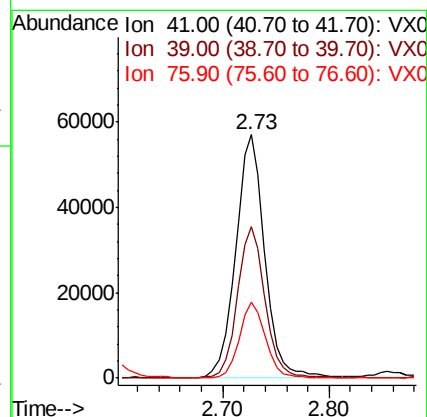
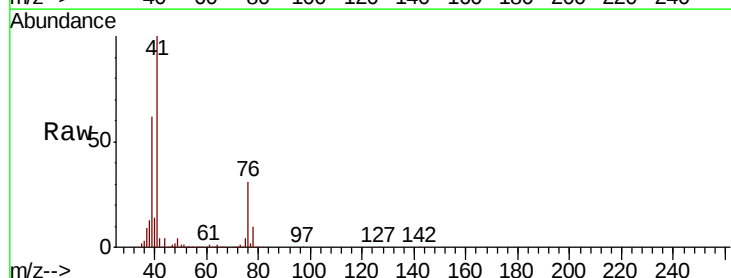
Tgt Ion: 41 Resp: 108134

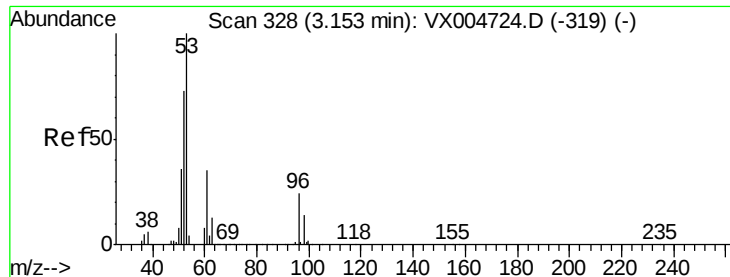
Ion Ratio Lower Upper

41 100

39 59.1 48.9 73.3

76 28.1 26.7 40.1





#15

Acrylonitrile

Concen: 101.321 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

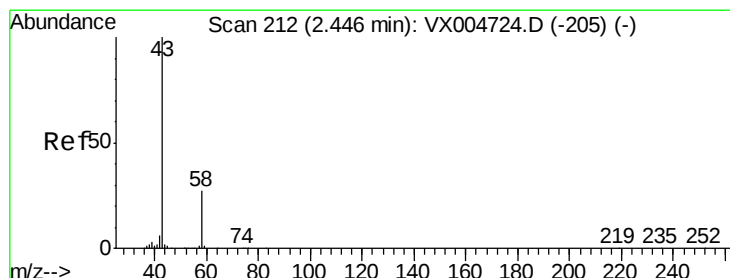
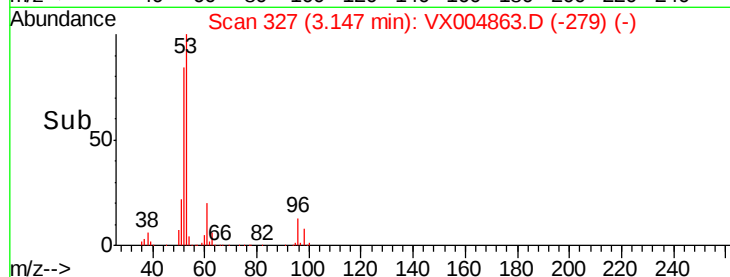
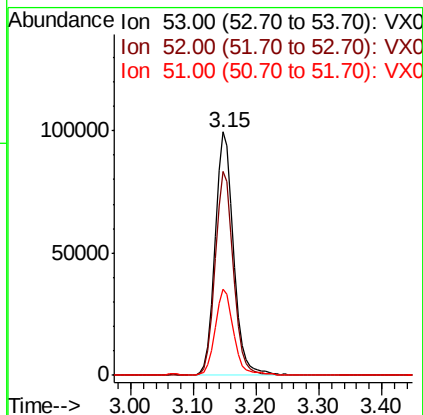
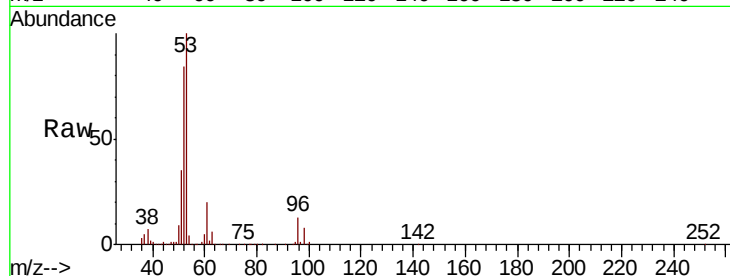
ClientSampleId :

VX1001WBSD01

Tot Ion:	53	Resp:	201092
Ion Ratio	Lower	Upper	
53	100		
52	82.8	65.2	97.8
51	35.6	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 99.685 ug/l

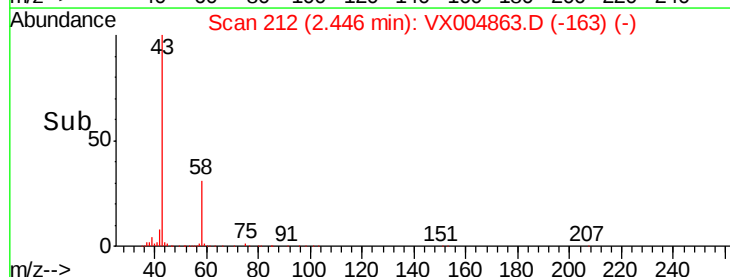
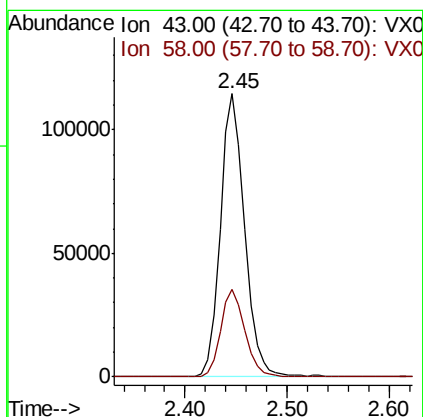
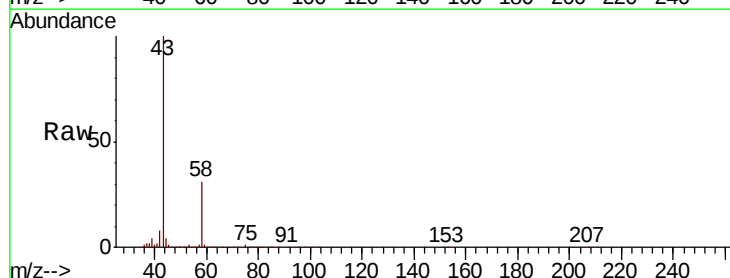
RT: 2.45 min Scan# 212

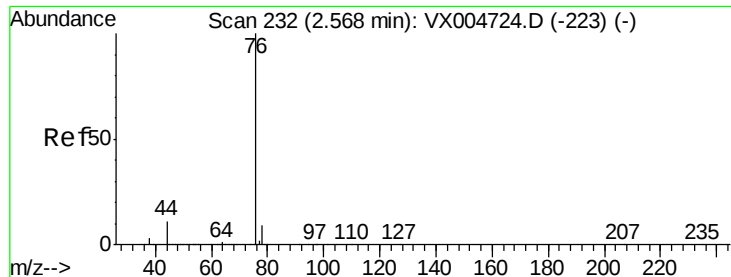
Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Tgt Ion:	43	Resp:	187653
Ion Ratio	Lower	Upper	
43	100		
58	31.1	26.2	39.4





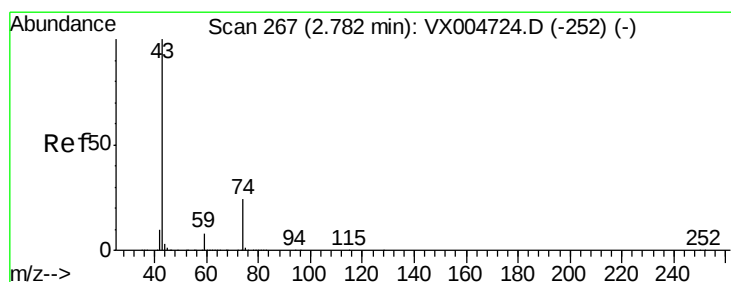
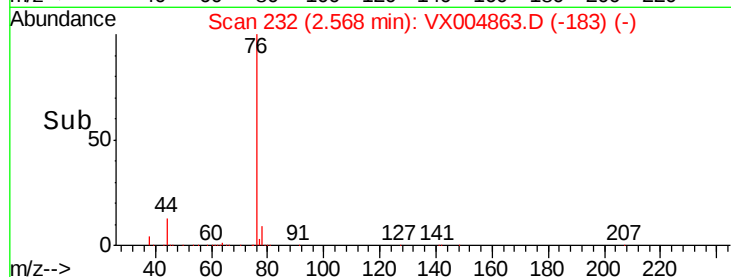
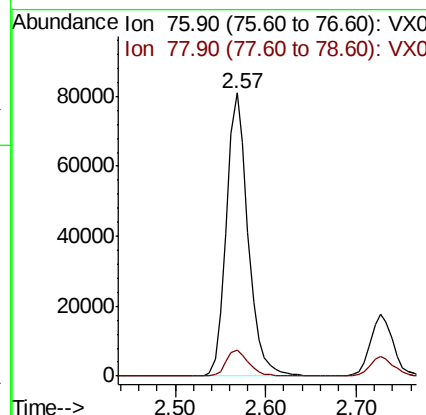
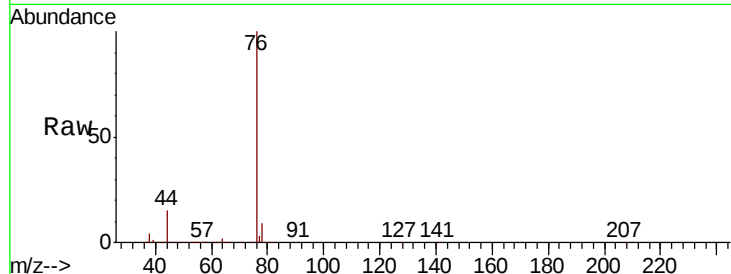
#17
Carbon Disulfide
Concen: 18.355 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

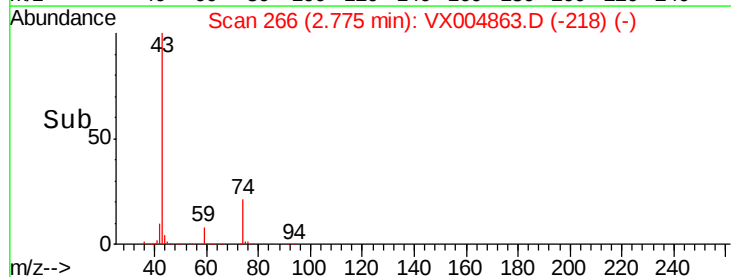
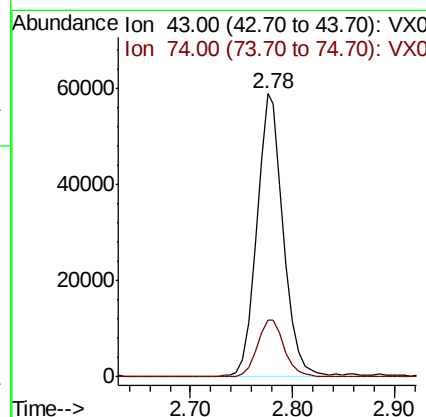
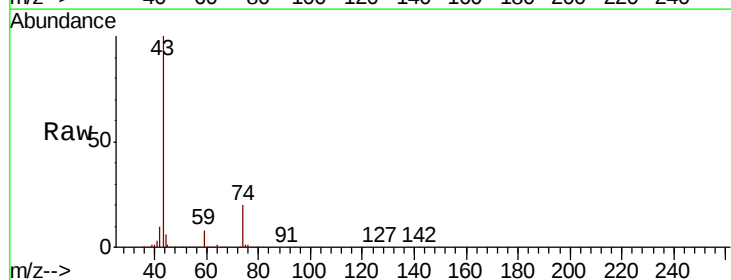
Manual Integrations
APPROVED

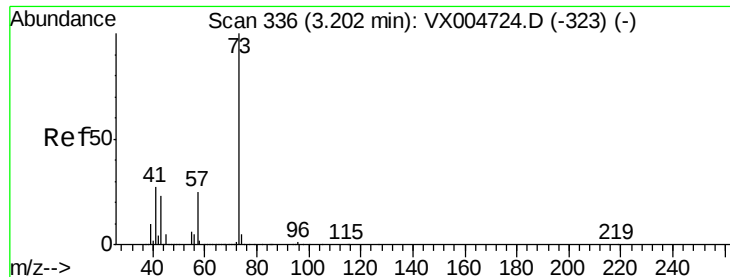
MMDadoda
10/4/2018 7:07:51 PM



#18
Methyl Acetate
Concen: 22.070 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	19.4	29.2





#19

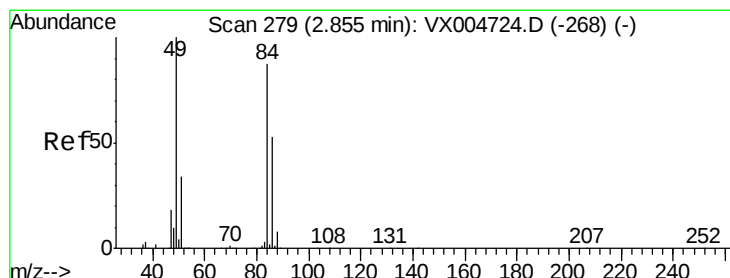
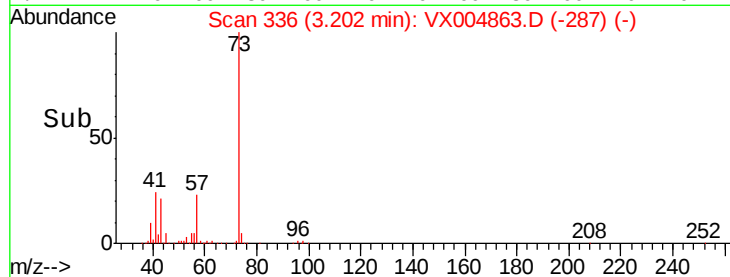
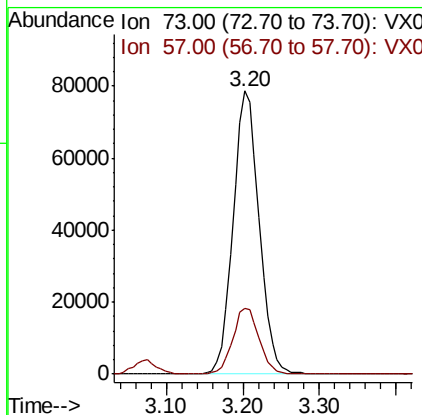
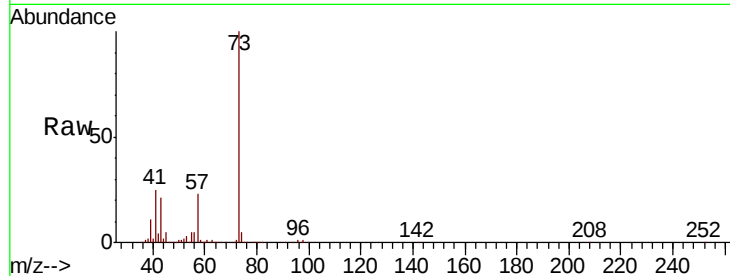
Methyl tert-butyl Ether
 Concen: 21.959 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	17.1	25.7

Manual Integrations
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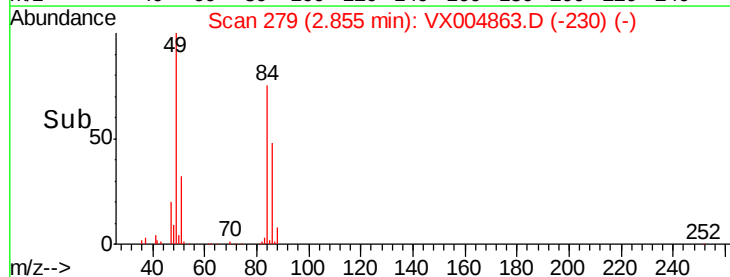
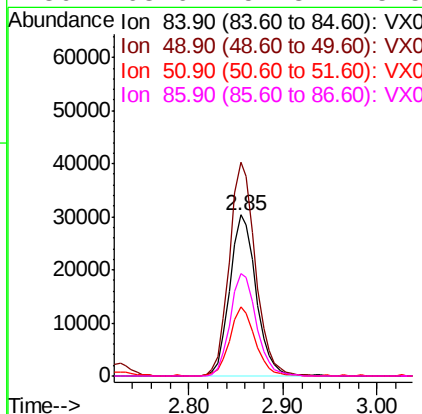
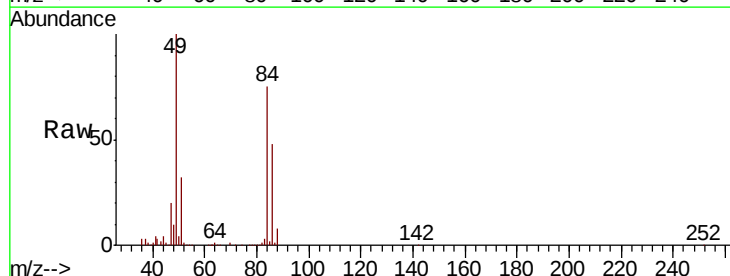
MMDadoda
 10/4/2018 7:07:51 PM

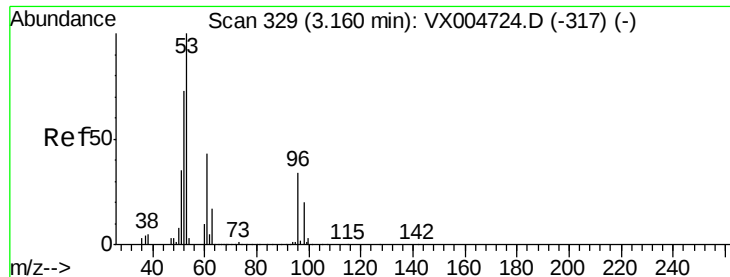


#20

Methylene Chloride
 Concen: 21.111 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.9	101.2	151.8
51	42.9	29.5	44.3
86	63.6	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 19.427 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

Tot Ion: 96 Resp: 52013

Ion Ratio Lower Upper

96 100

61 138.4 113.8 170.6

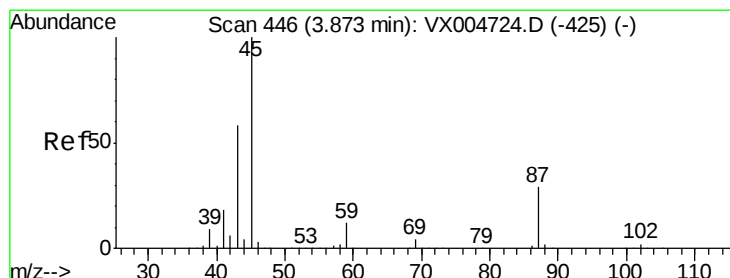
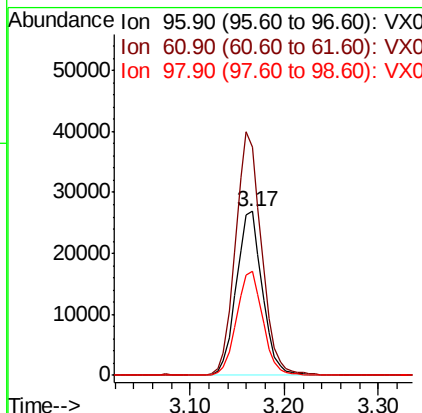
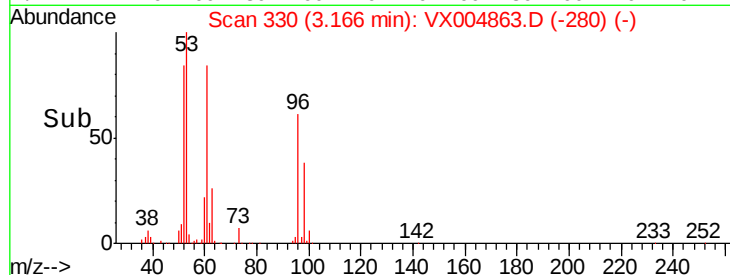
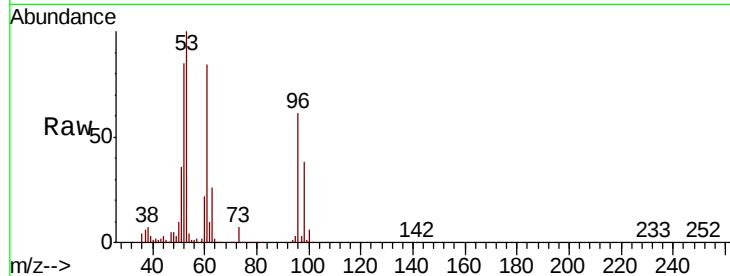
98 63.2 51.8 77.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.745 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Tgt Ion: 45 Resp: 186414

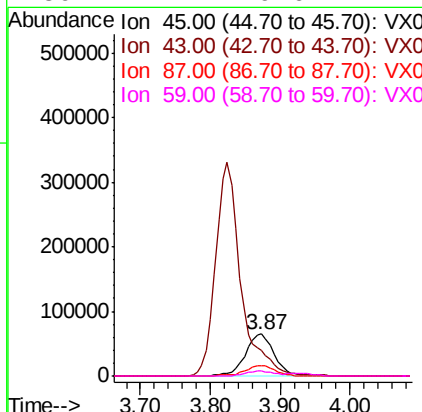
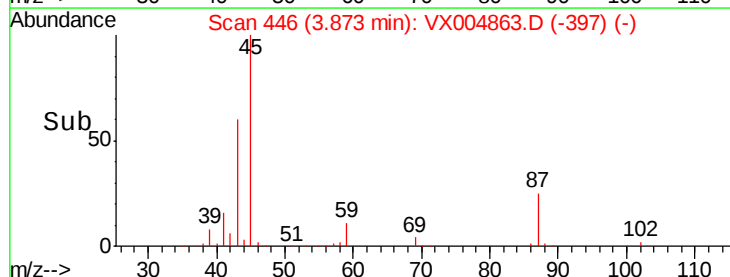
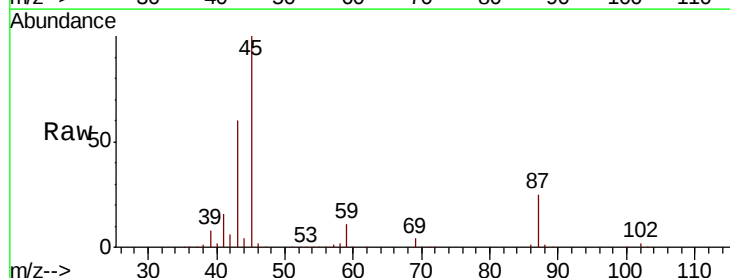
Ion Ratio Lower Upper

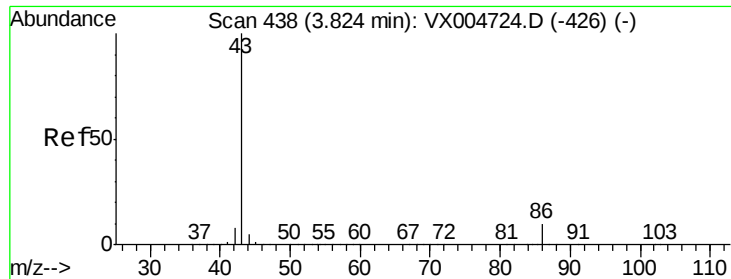
45 100

43 59.3 42.8 64.2

87 25.1 22.6 34.0

59 11.1 9.6 14.4





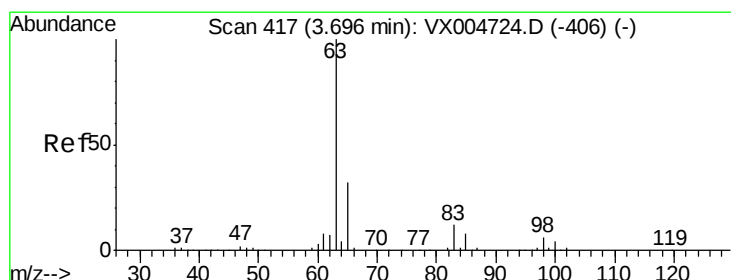
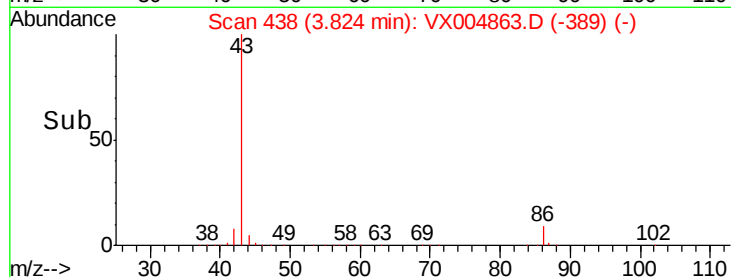
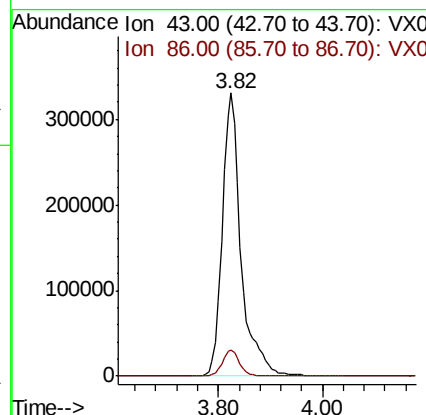
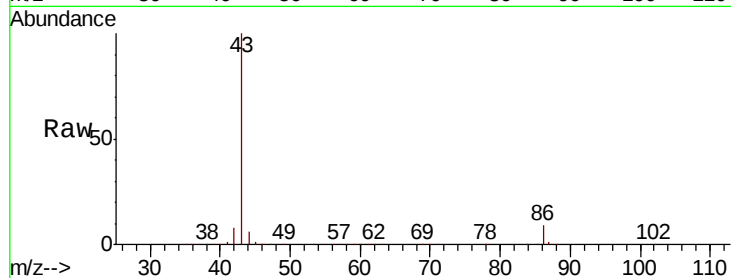
#23
 Vinyl Acetate
 Concen: 101.535 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX1001WBSD01

Tot Ion	43	86	Resp	Lower	Upper
43	100				
86	9.2		8.9	13.3	

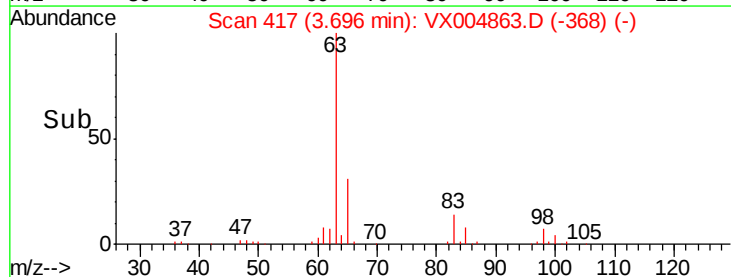
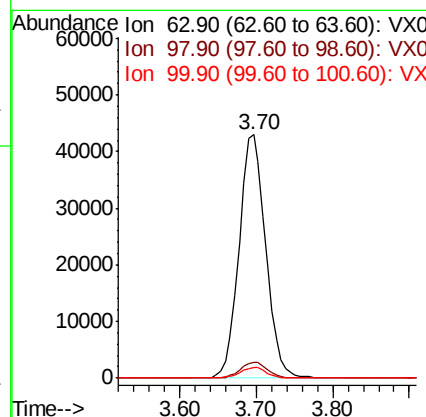
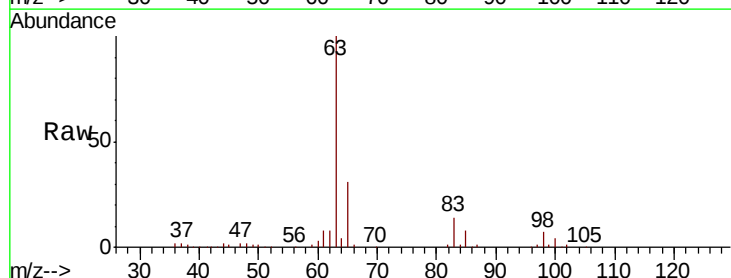
Manual Integrations
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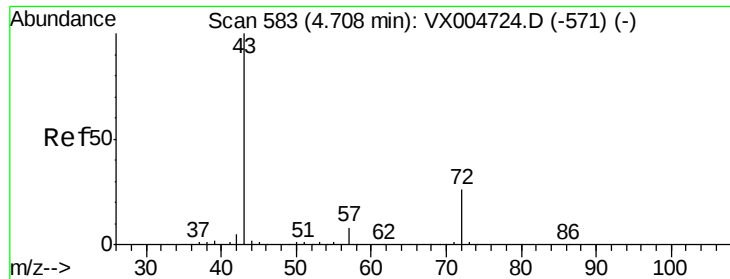
MMDadoda
 10/4/2018 7:07:51 PM



#24
 1,1-Dichloroethane
 Concen: 19.305 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion	63	98	100	Resp	Lower	Upper
63	100					
98	6.5			3.5	10.4	
100	4.4			2.4	7.1	





#25

2-Butanone

Concen: 97.058 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

Tot Ion: 43 Resp: 269316

Ion Ratio Lower Upper

43 100

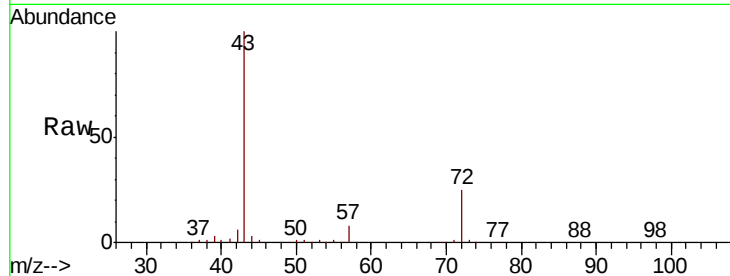
72 25.2 22.0 33.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

40000

20000

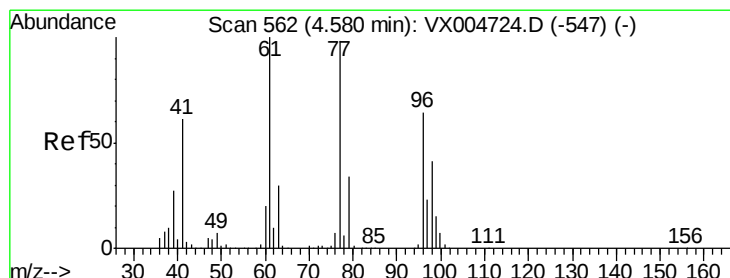
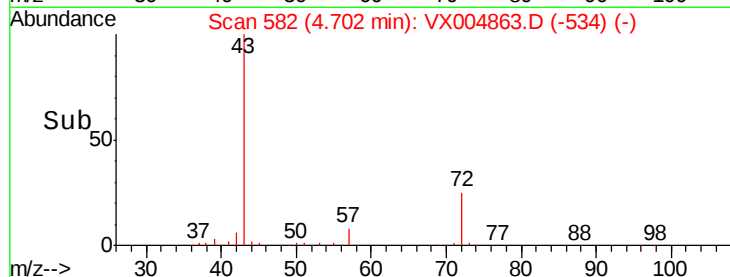
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 20.096 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004863.D

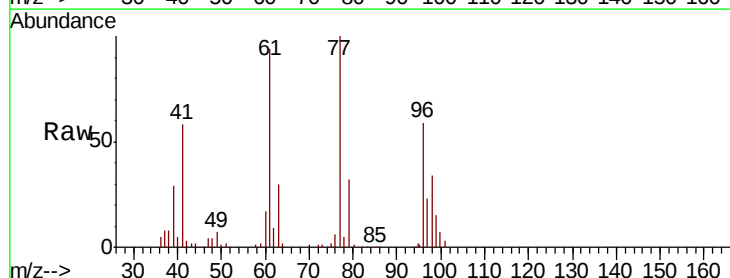
Acq: 01 Oct 2018 11:54

Tgt Ion: 77 Resp: 75012

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

10000

5000

0

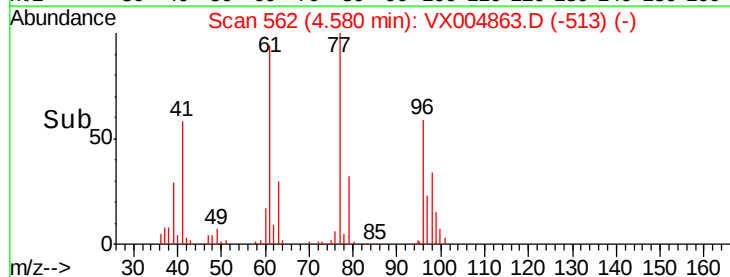
4.40

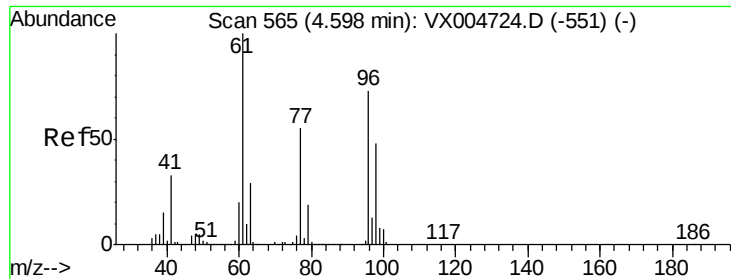
4.50

4.60

4.70

Time-->





#27

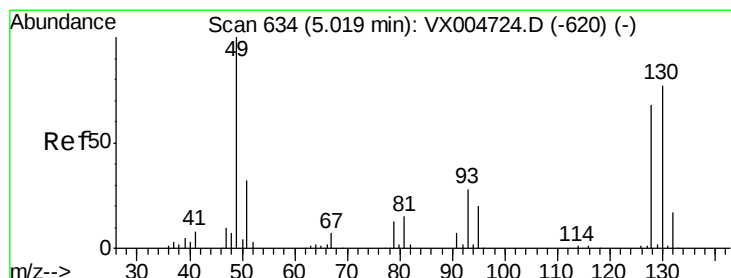
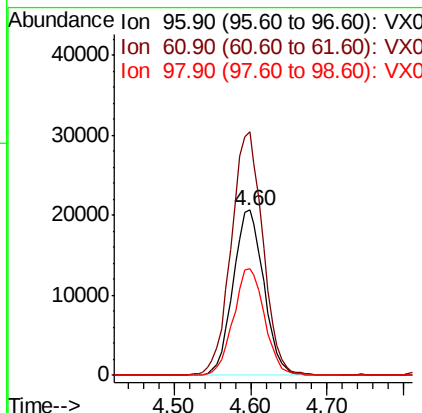
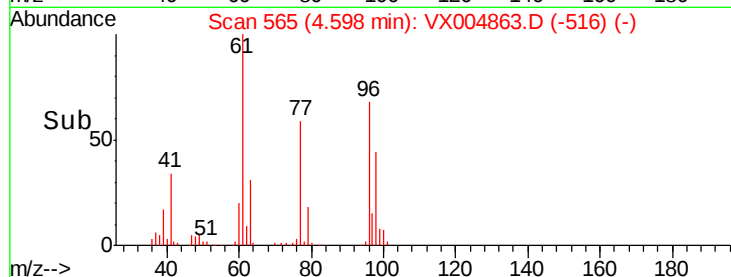
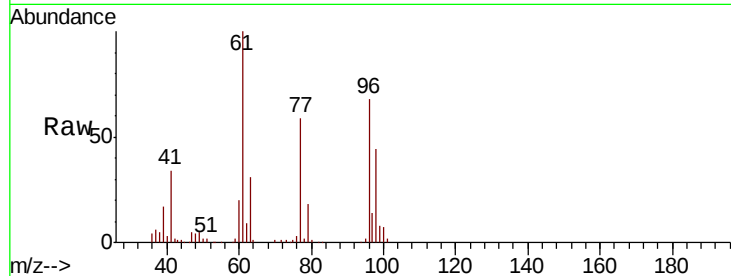
cis-1,2-Dichloroethene
 Concen: 19.244 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.0	0.0	282.6
98	65.4	0.0	130.2

Manual Integrations
 APPROVED

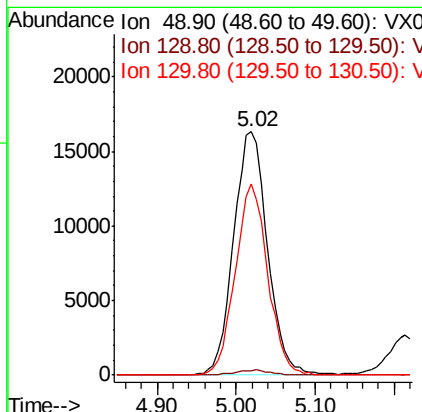
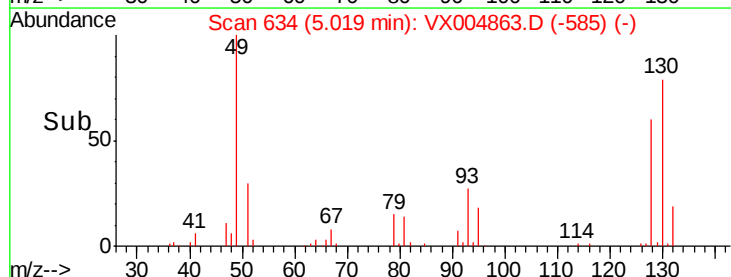
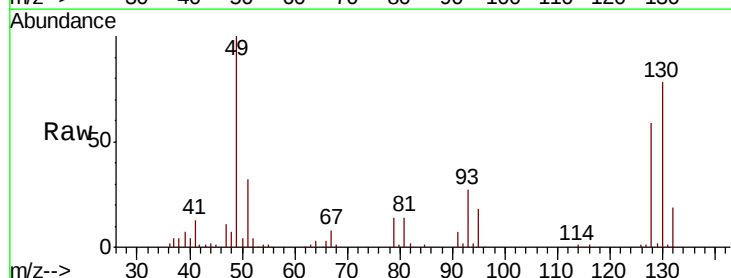
MMDadoda
 10/4/2018 7:07:51 PM

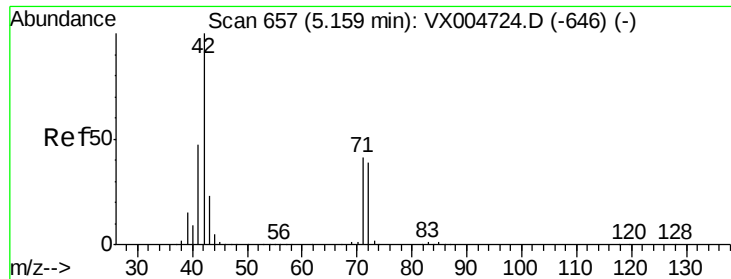


#28

Bromochloromethane
 Concen: 19.380 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	74.8	67.5	101.3





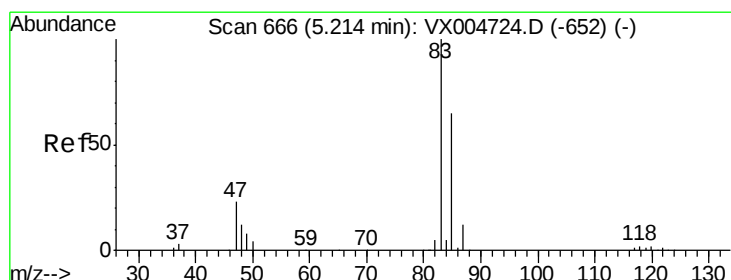
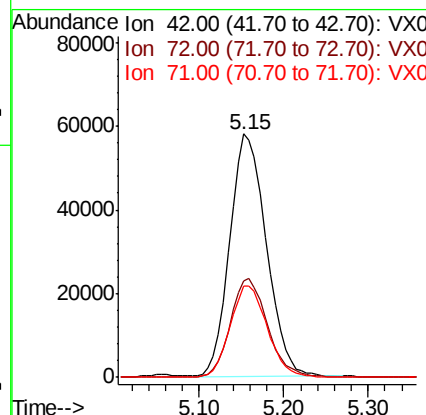
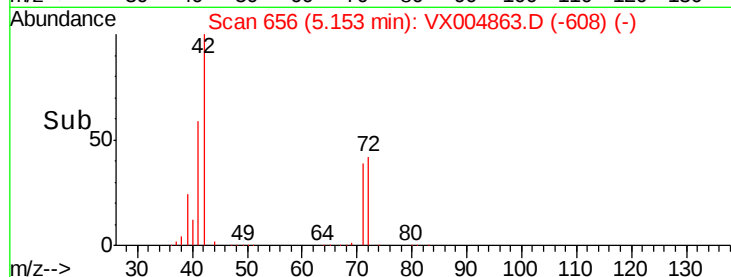
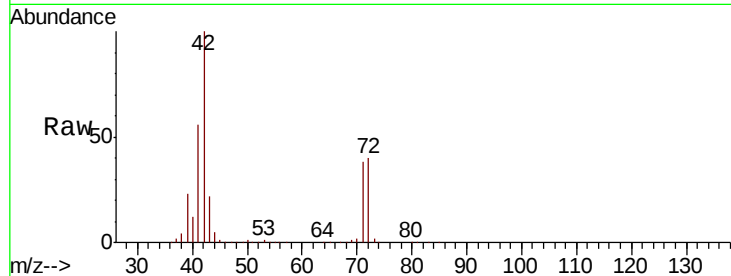
#29
Tetrahydrofuran
Concen: 99.324 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	37.4	56.0
71	38.4	34.5	51.7

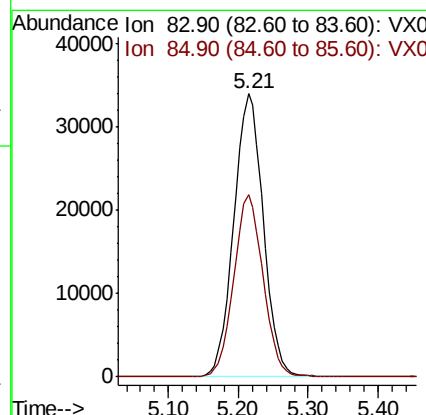
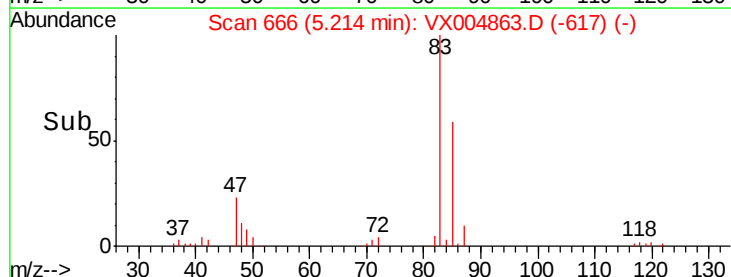
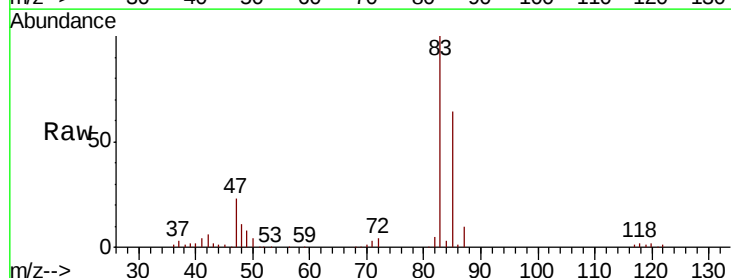
Manual Integrations
APPROVED

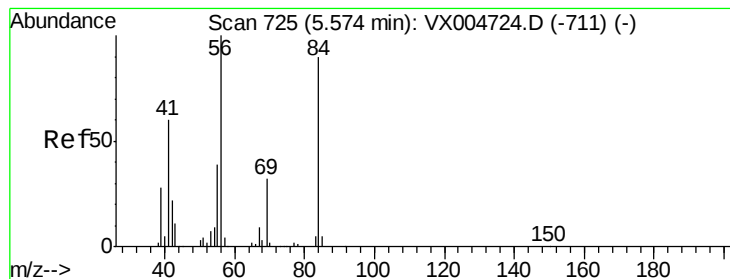
MMDadoda
10/4/2018 7:07:51 PM



#30
Chloroform
Concen: 19.687 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.6	79.0





#31

Cyclohexane

Concen: 19.720 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

Tot Ion: 56 Resp: 80901

Ion Ratio Lower Upper

56 100

69 29.2 25.4 38.2

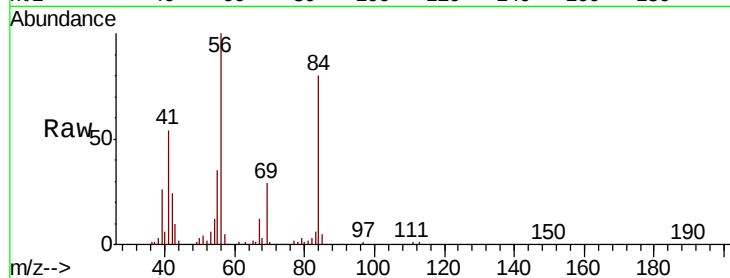
84 78.8 71.4 107.2

Manual Integrations

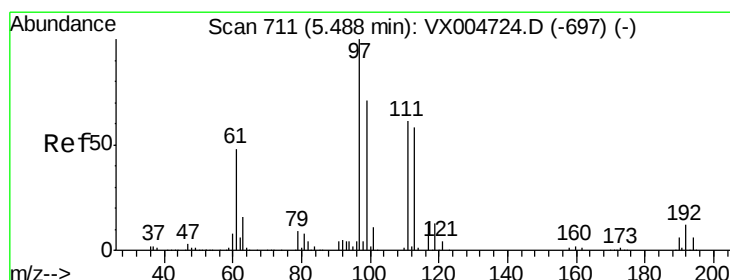
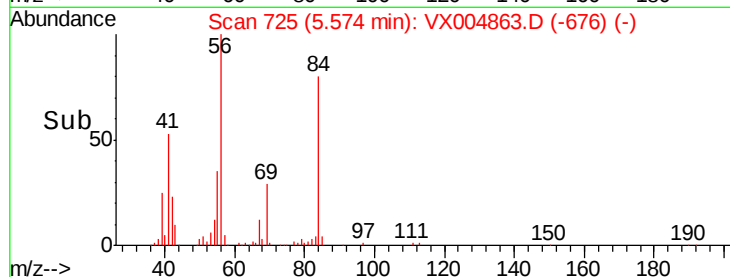
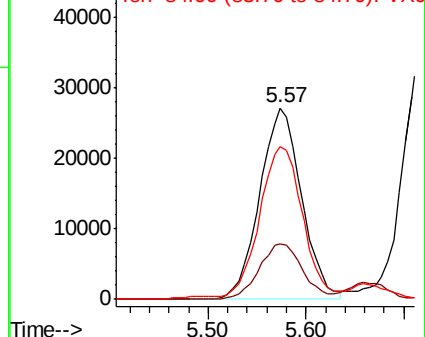
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.593 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

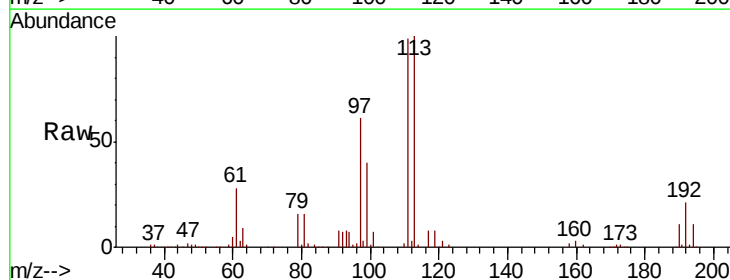
Tgt Ion: 97 Resp: 81062

Ion Ratio Lower Upper

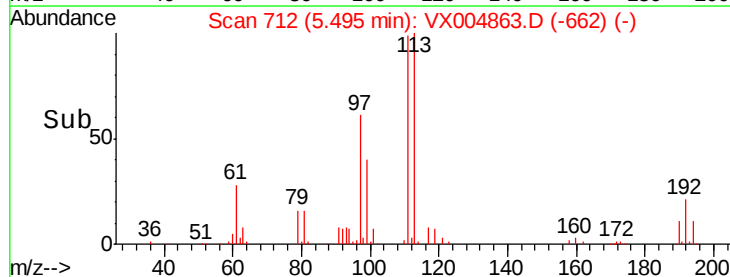
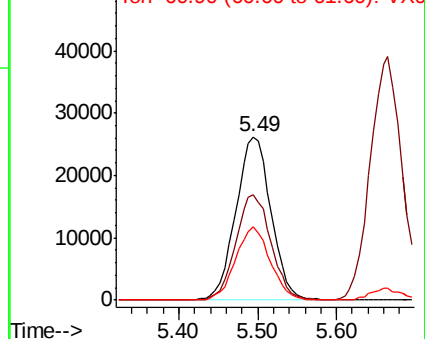
97 100

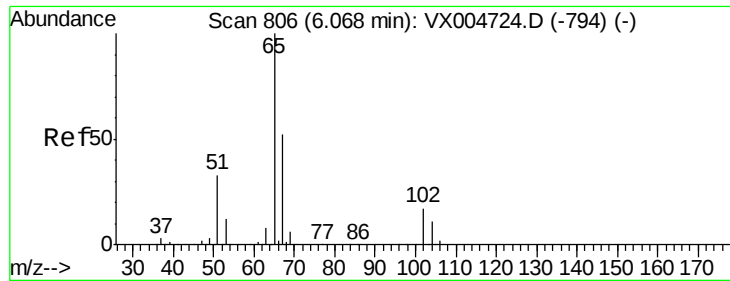
99 64.5 52.0 78.0

61 44.3 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.044 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004863.D

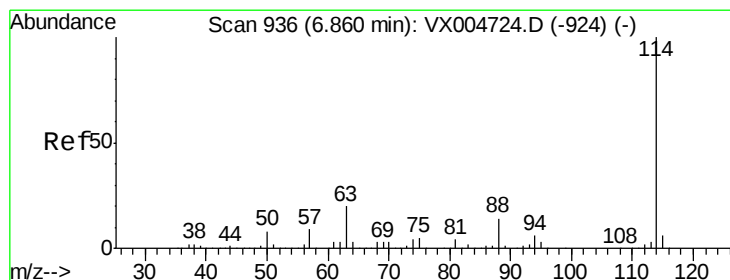
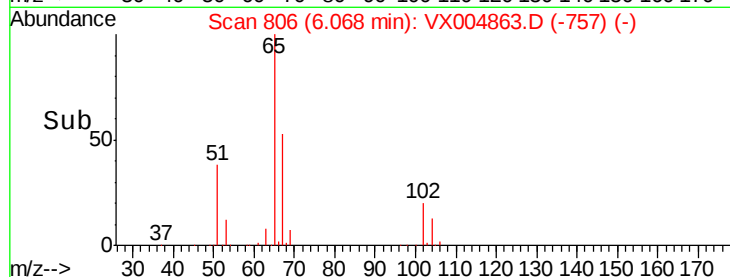
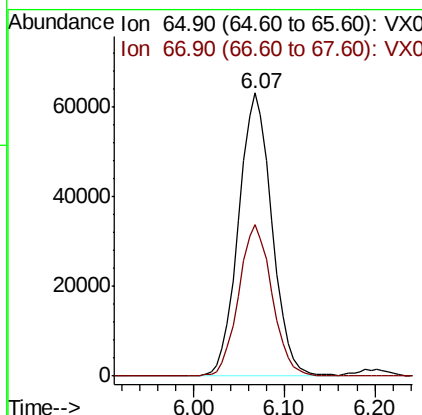
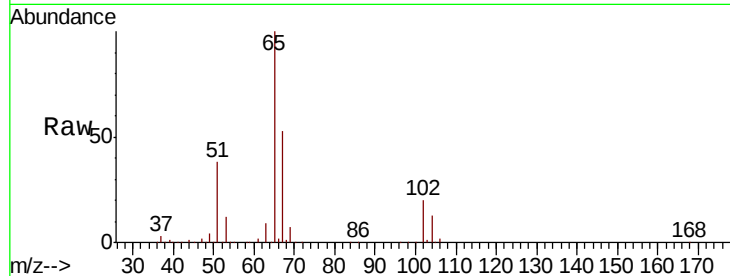
Acq: 01 Oct 2018 11:54

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.8

Instrument :
MSVOA_X
ClientSampled :
VX1001WBSD01

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

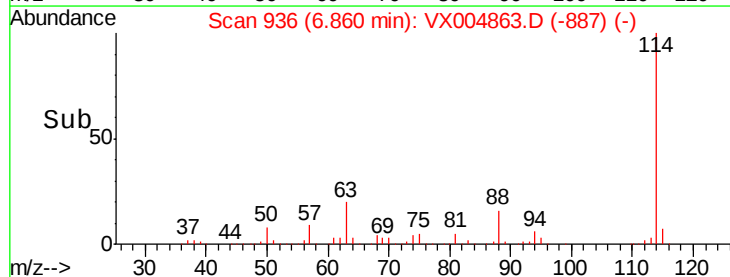
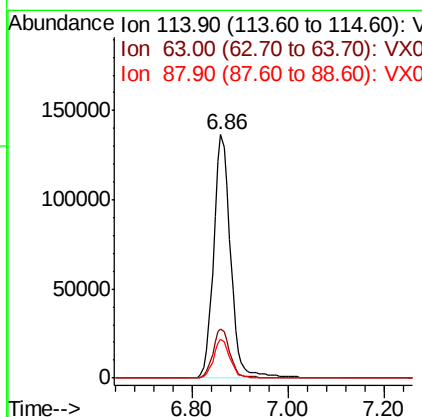
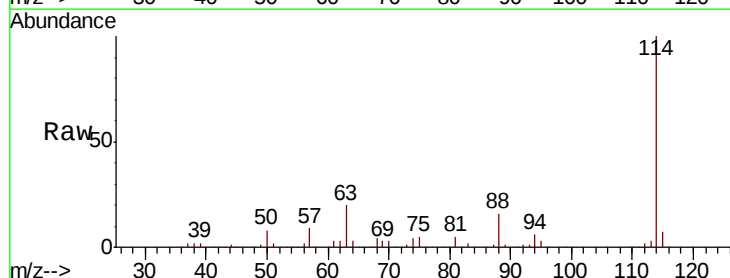
RT: 6.86 min Scan# 936

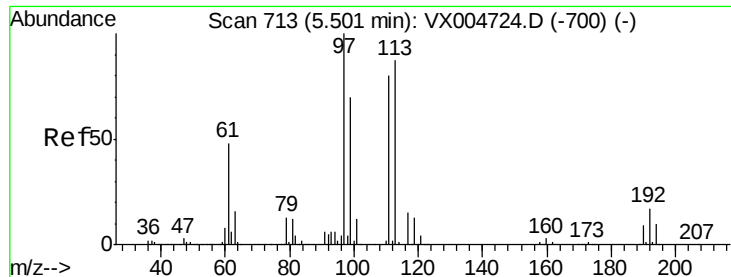
Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	16.1	0.0	30.4





#35

Dibromofluoromethane

Concen: 45.056 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

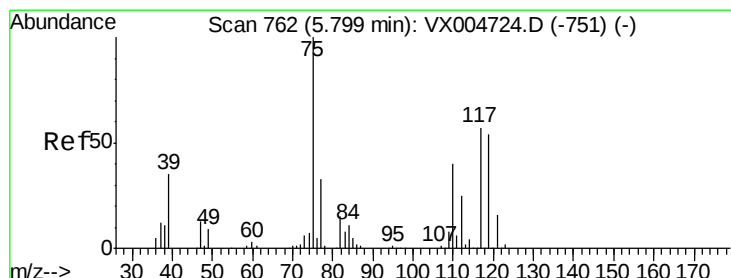
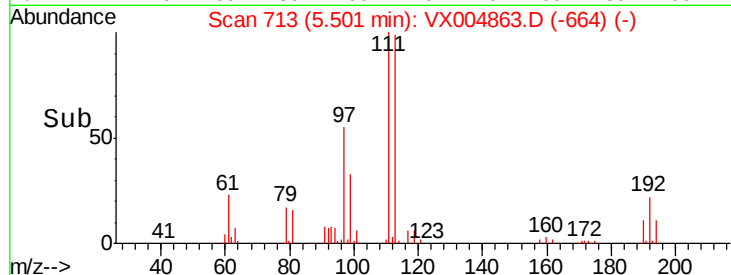
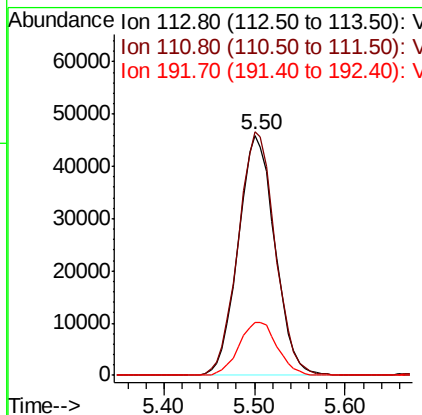
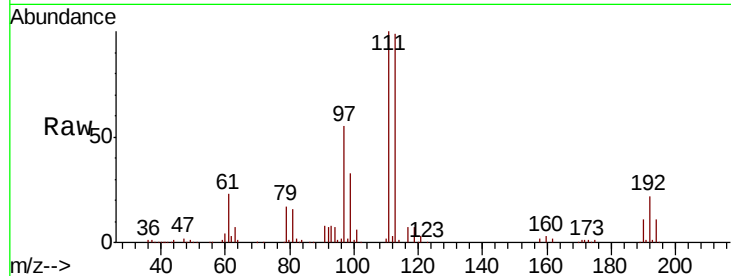
ClientSampleId :

VX1001WBSD01

Tot Ion:	113	Resp:	128633
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.4	123.6
192	22.9	19.4	29.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.582 ug/l

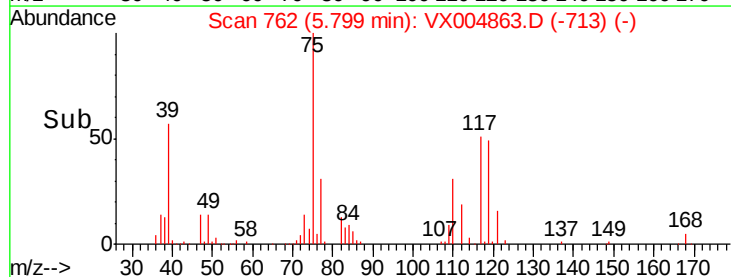
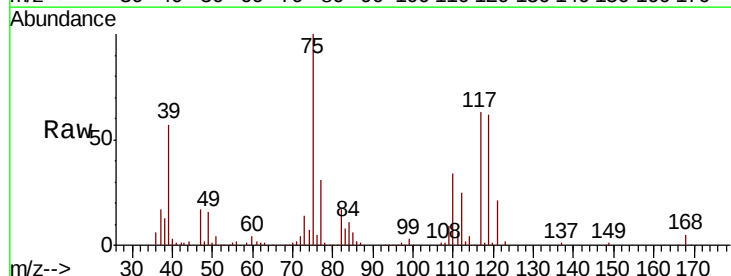
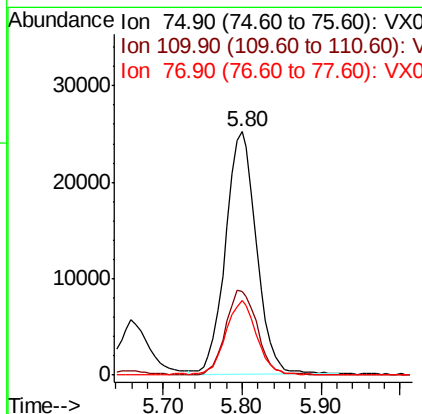
RT: 5.80 min Scan# 762

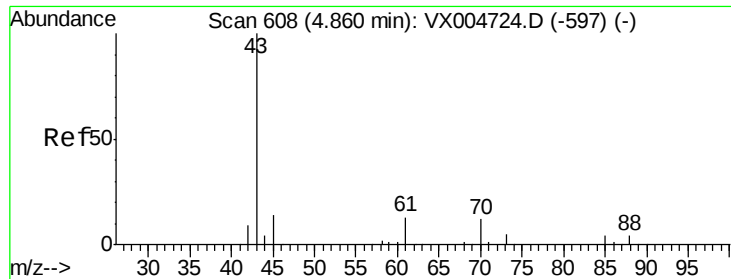
Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Tgt Ion:	75	Resp:	68484
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.0	54.0
77	30.3	24.6	36.8





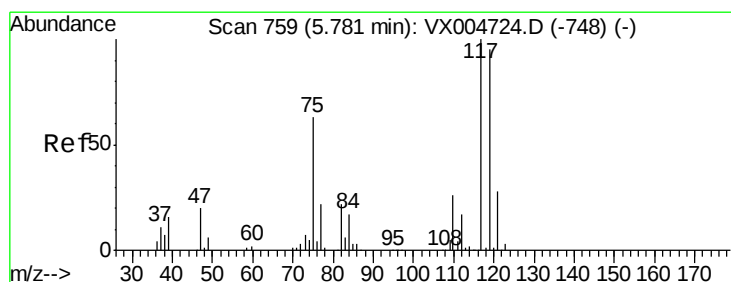
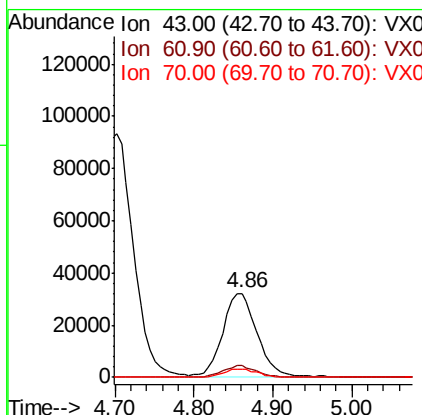
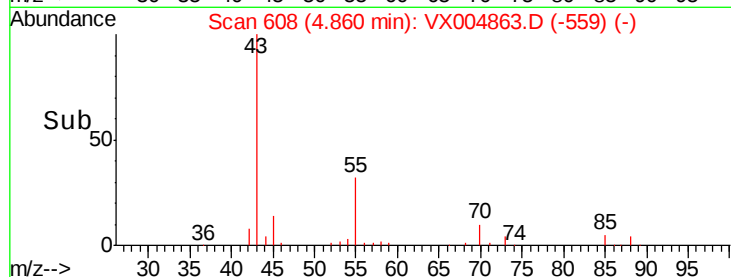
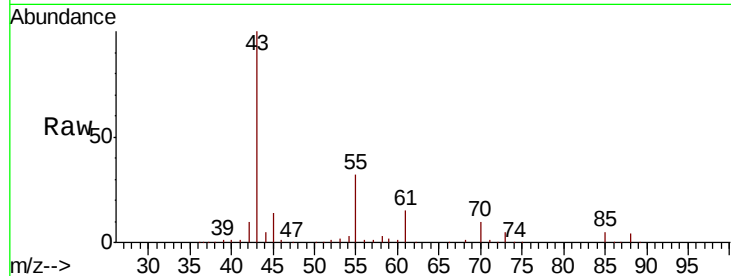
#37
Ethyl Acetate
Concen: 18.668 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.5	17.3
70	10.1	9.0	13.6

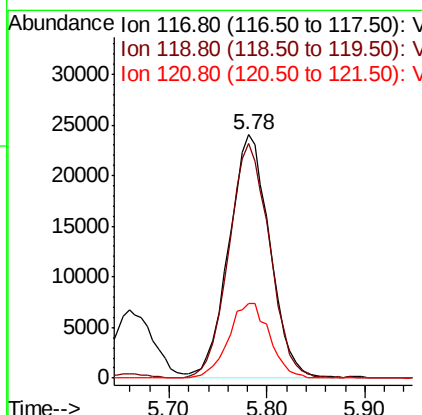
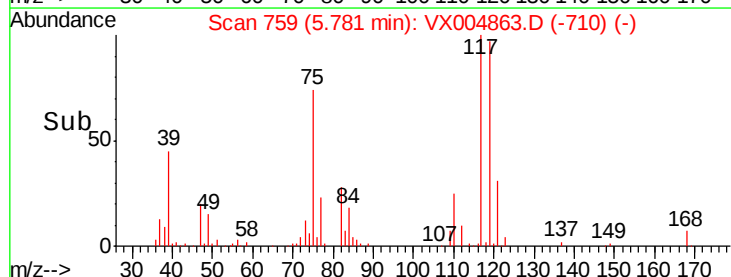
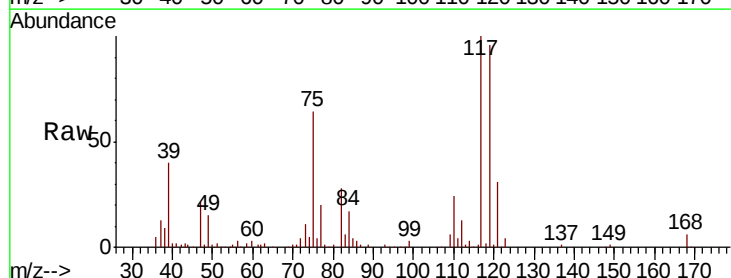
Manual Integrations
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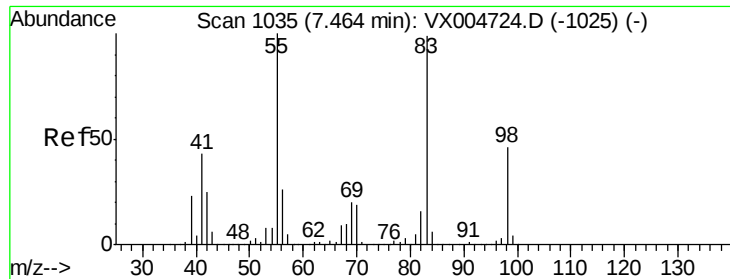
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#38
Carbon Tetrachloride
Concen: 16.921 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.8	118.2
121	30.8	24.9	37.3





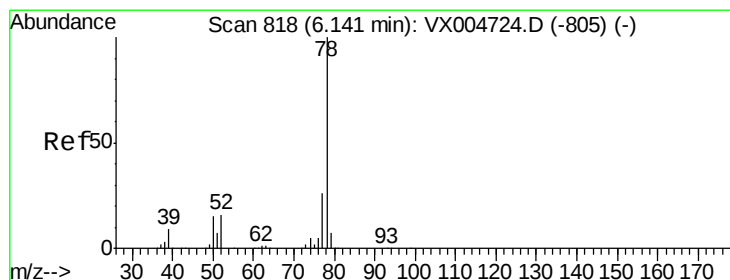
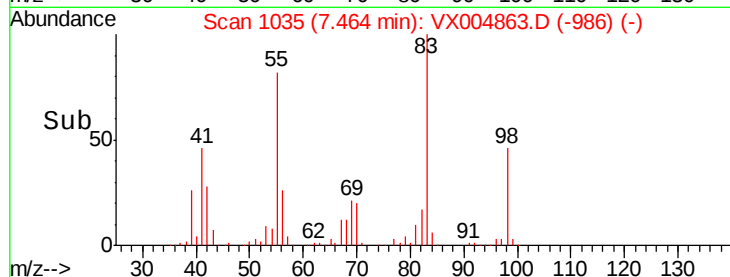
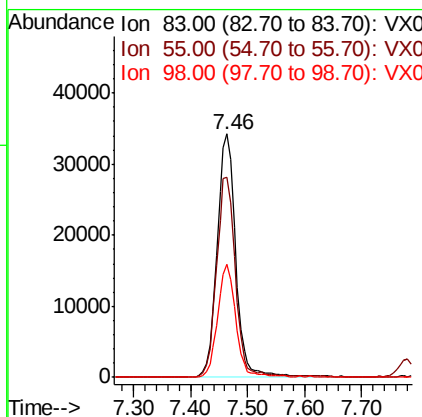
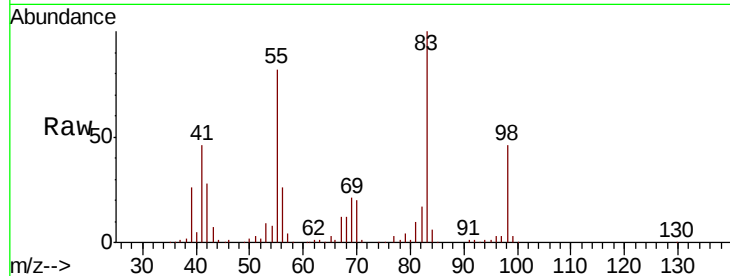
#39
Methvlcvclohexane
Concen: 19.687 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.4	61.0	91.4
98	46.4	39.6	59.4

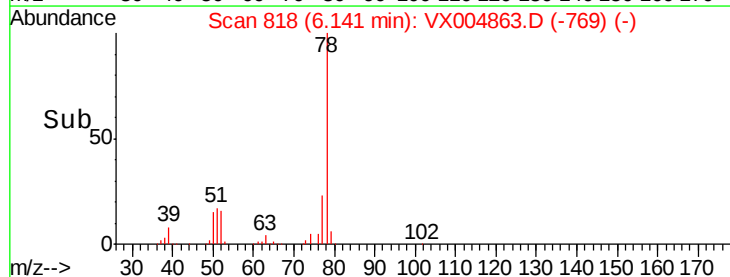
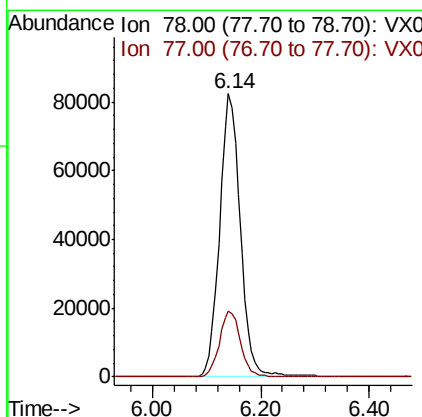
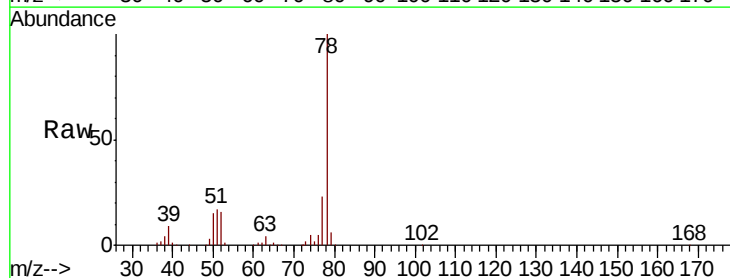
Manual Integrations
APPROVED

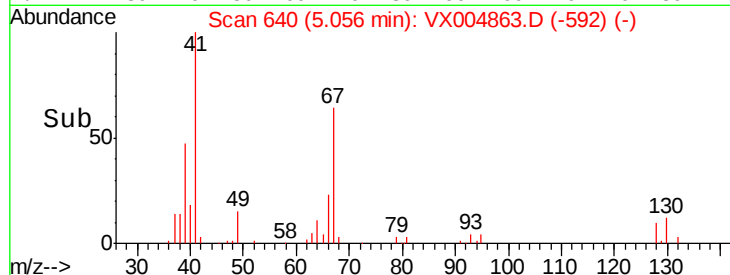
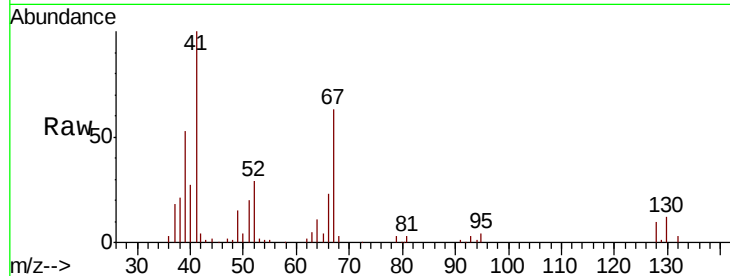
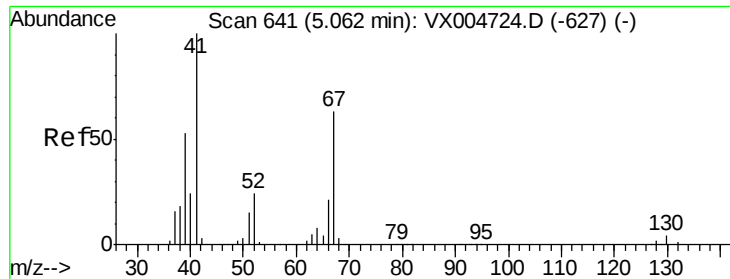
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#40
Benzene
Concen: 17.951 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





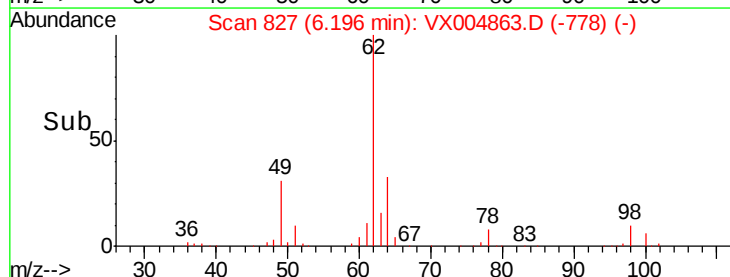
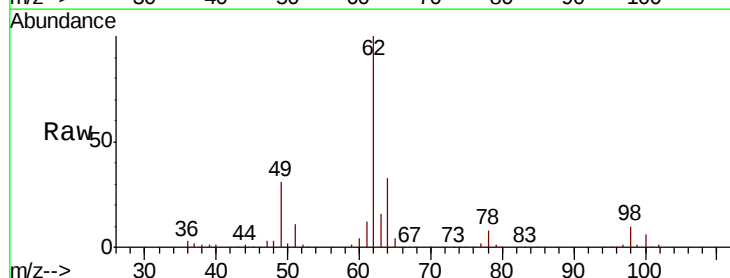
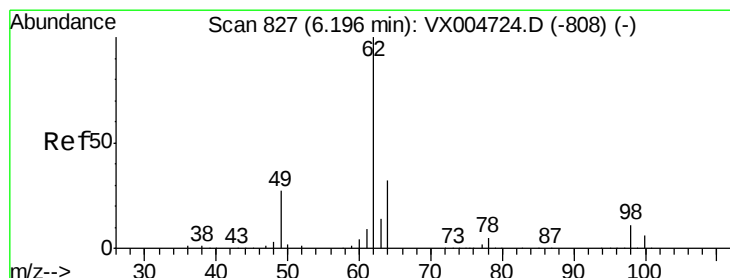
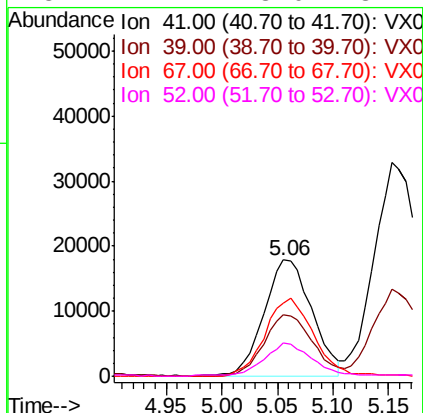
#41
Methacrylonitrile
Concen: 18.482 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	42.4	63.6	
67	68.3	59.2	88.8	
52	27.1	23.0	34.4	

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

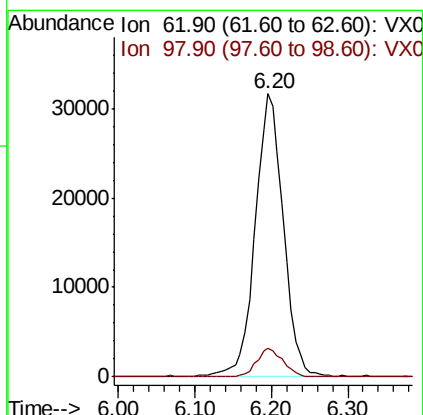
Manual Integrations
APPROVED

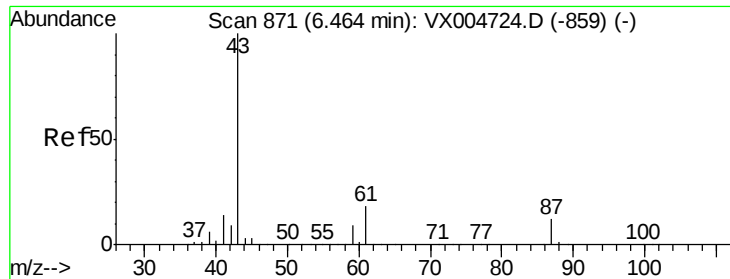
MMDadoda
10/4/2018 7:07:51 PM



#42
1,2-Dichloroethane
Concen: 18.884 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	20.6	





#43

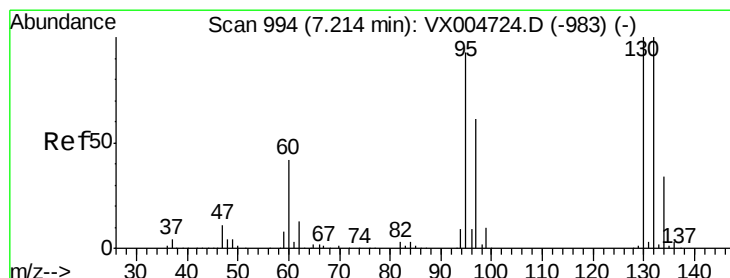
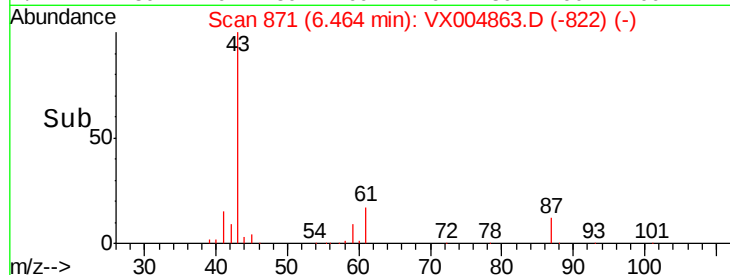
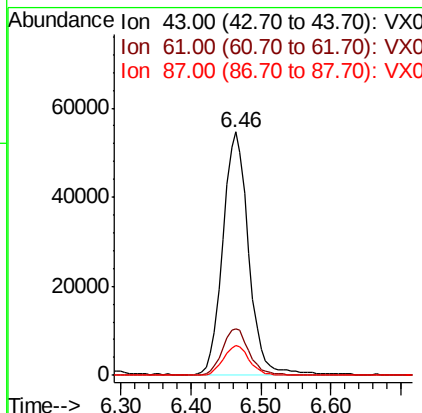
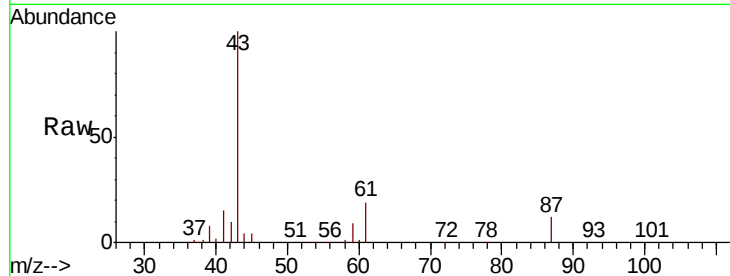
Isopropyl Acetate
 Concen: 18.773 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX1001WBSD01

Tot Ion	43	61	87
Resp	140101		
Ratio	100	19.7	12.2
Lower		17.0	11.4
Upper		25.4	17.2

Manual Integrations
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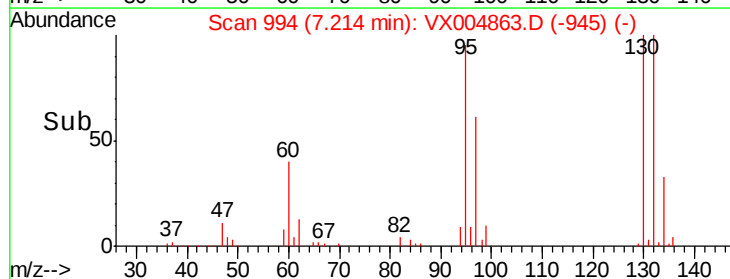
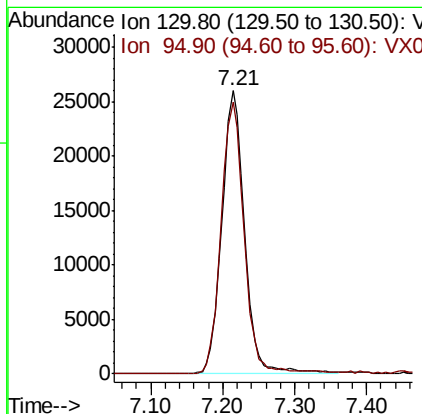
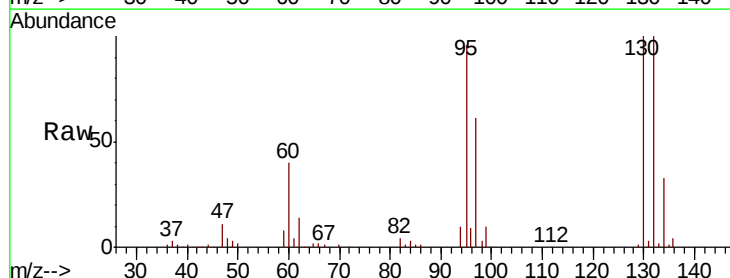
MMDadoda
 10/4/2018 7:07:51 PM

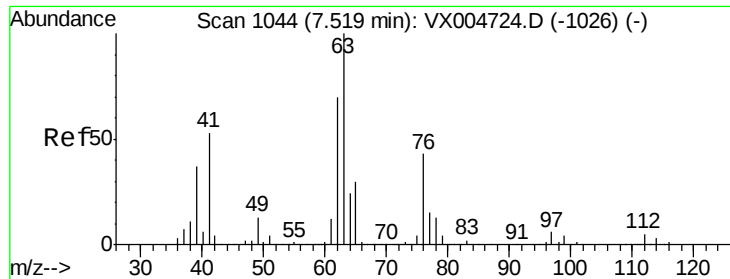


#44

Trichloroethene
 Concen: 19.181 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion	130	95
Resp	57500	
Ratio	100	96.1
Lower		0.0
Upper		181.6





#45

1,2-Dichloropropane

Concen: 20.212 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

Tot Ion: 63 Resp: 60444

Ion Ratio Lower Upper

63 100

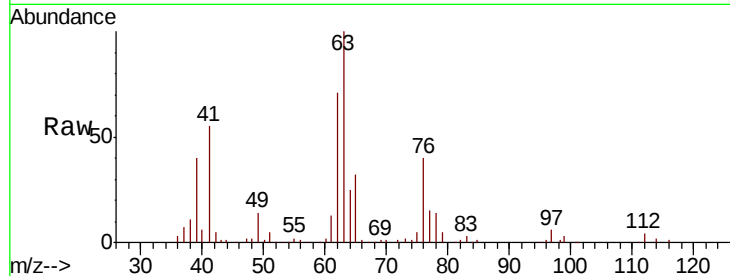
65 32.3 24.3 36.5

Manual Integrations

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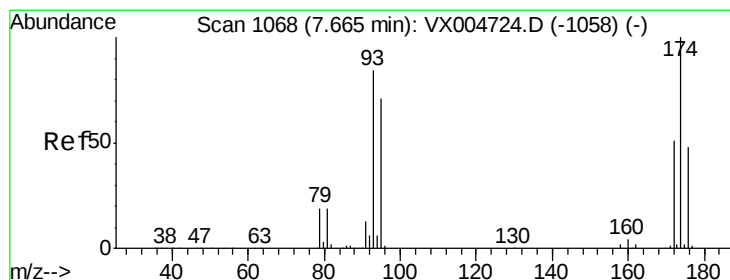
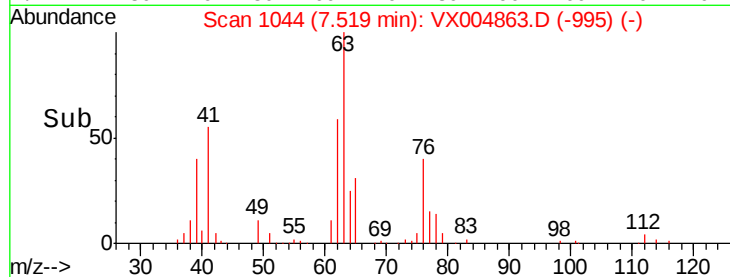
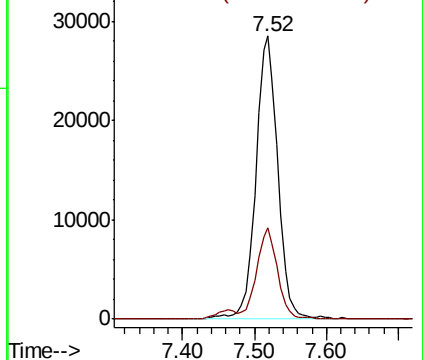
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.692 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

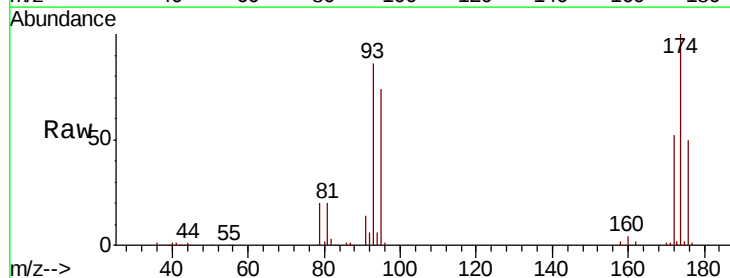
Tgt Ion: 93 Resp: 38889

Ion Ratio Lower Upper

93 100

95 84.1 65.5 98.3

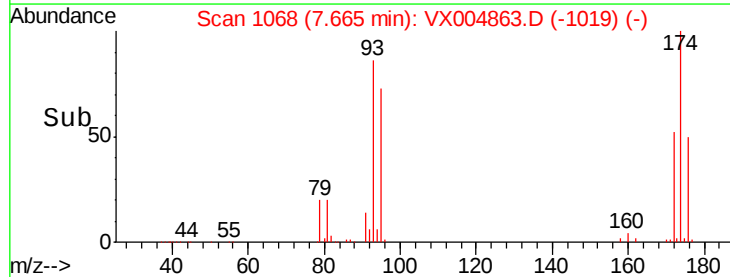
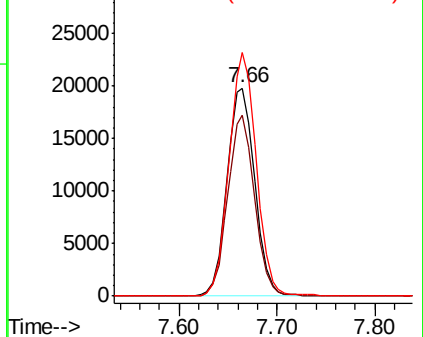
174 114.8 94.2 141.4

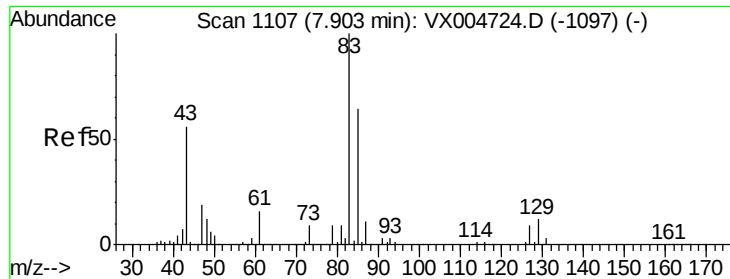


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.691 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

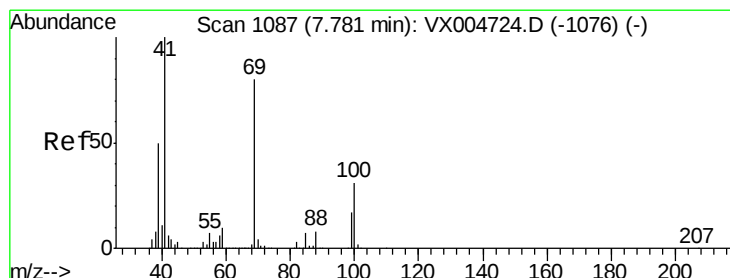
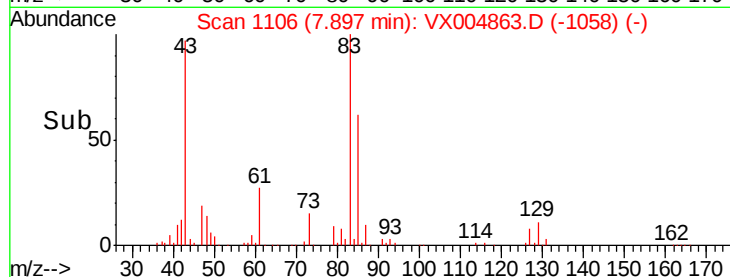
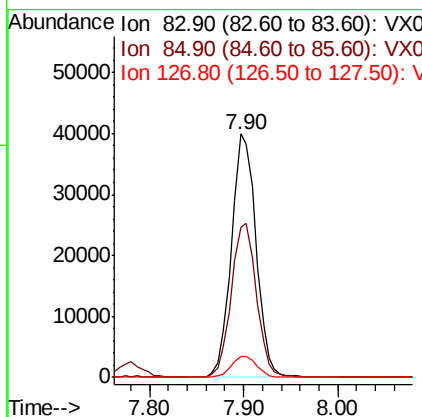
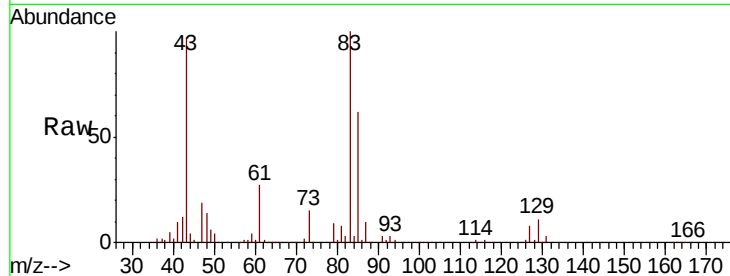
ClientSampleId :

VX1001WBSD01

Tot Ion:	83	Resp:	72807
Ion Ratio	Lower	Upper	
83	100		
85	61.9	50.9	76.3
127	8.4	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.724 ug/l

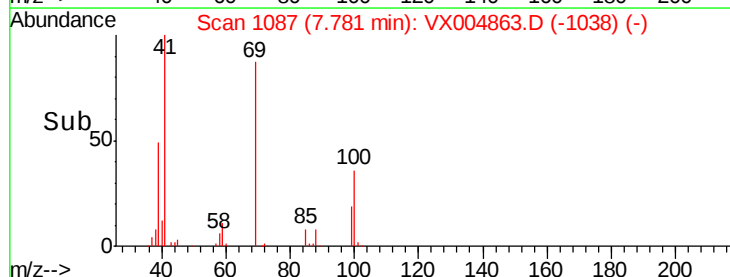
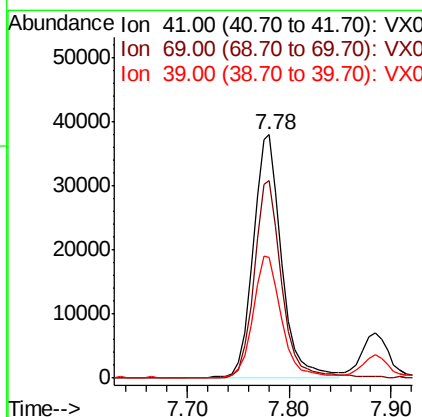
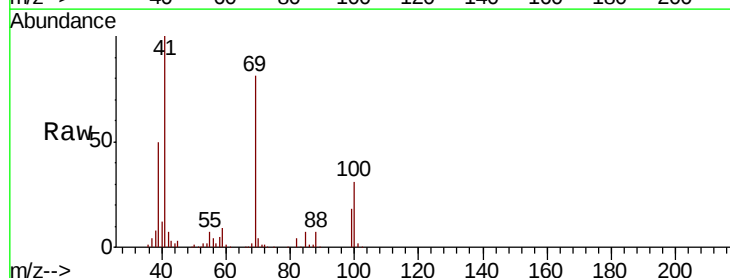
RT: 7.78 min Scan# 1087

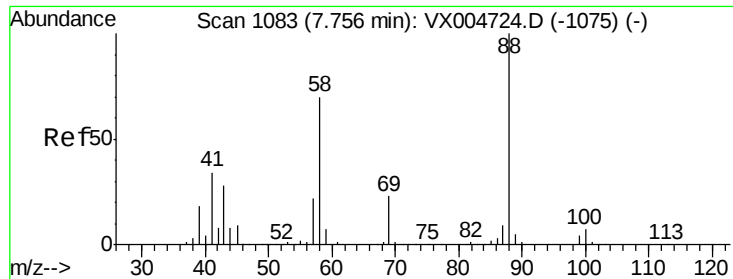
Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Tgt Ion:	41	Resp:	73584
Ion Ratio	Lower	Upper	
41	100		
69	79.4	70.2	105.4
39	49.8	42.7	64.1





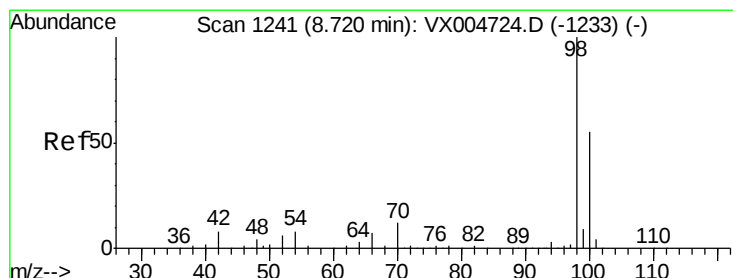
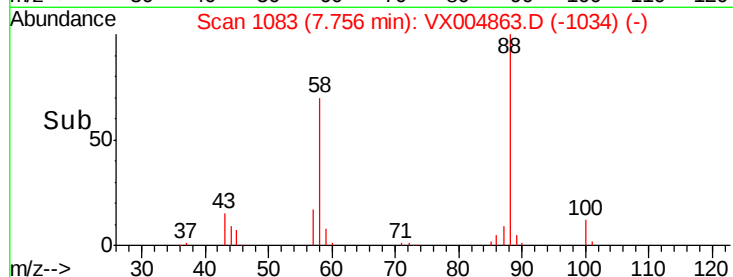
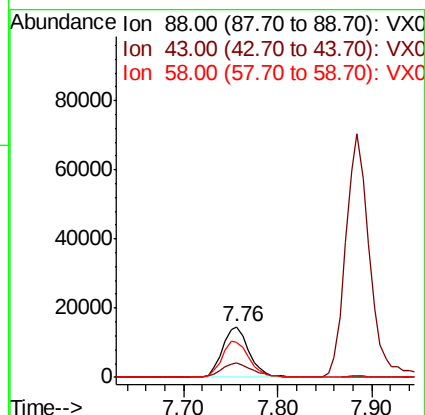
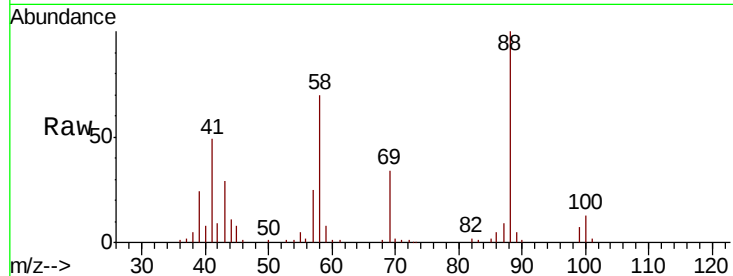
#49
1,4-Dioxane
Concen: 342.793 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	24.7	37.1
58	73.5	55.3	82.9

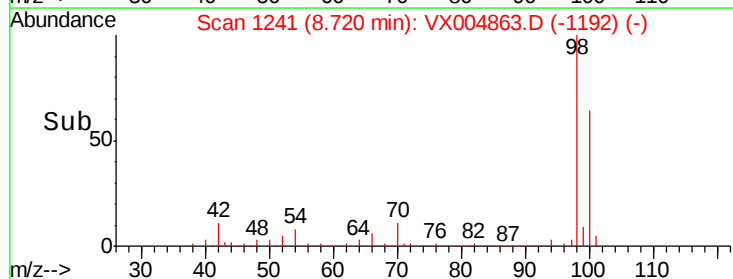
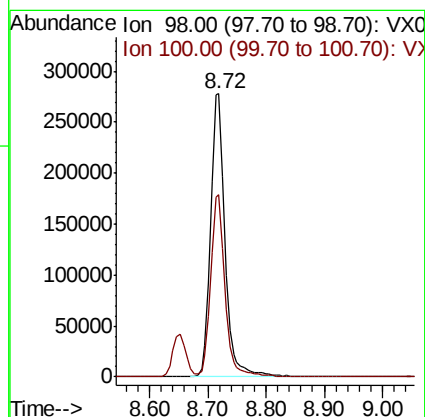
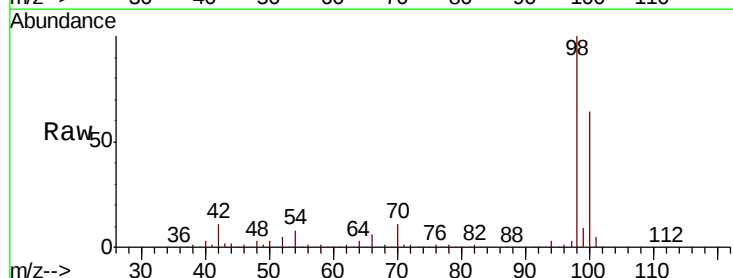
Manual Integrations
APPROVED

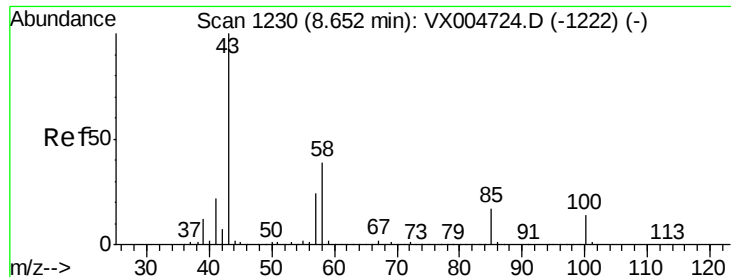
MMDadoda
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#50
Toluene-d8
Concen: 50.815 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.9	79.3





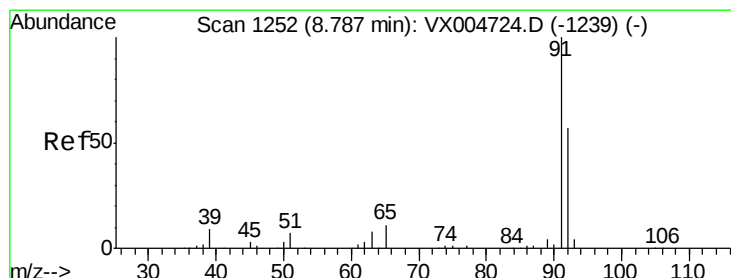
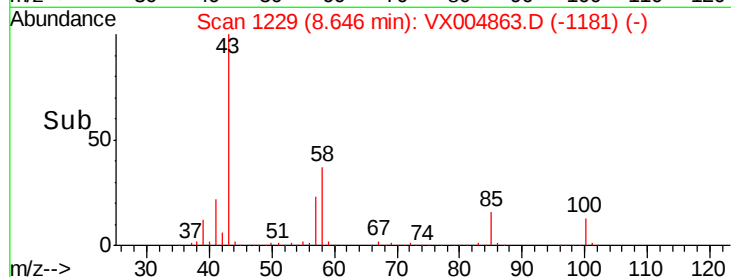
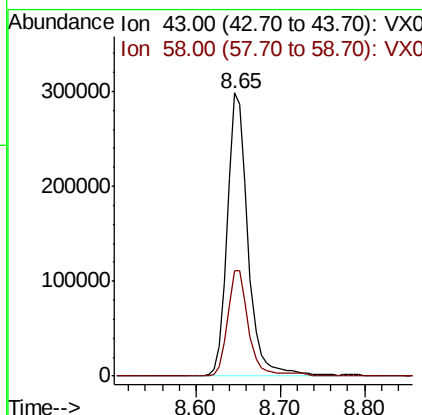
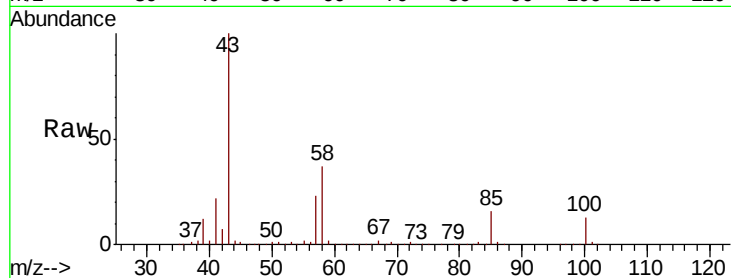
#51
4-Methyl-2-Pentanone
Concen: 107.225 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion: 43 Resp: 503846
Ion Ratio Lower Upper
43 100
58 36.7 33.1 49.7

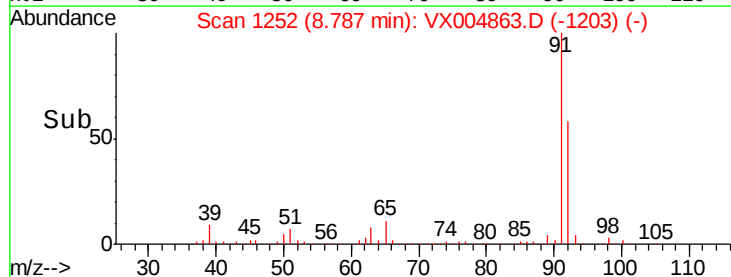
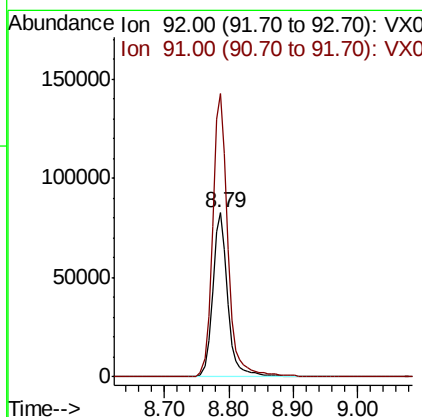
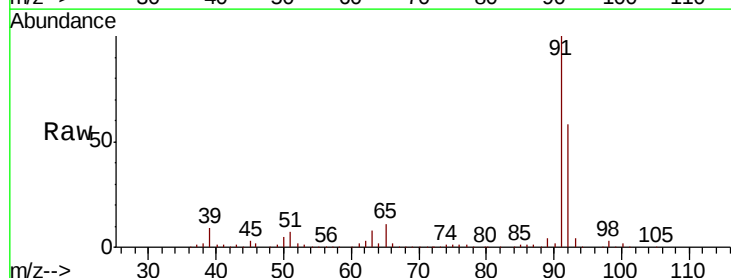
Manual Integrations
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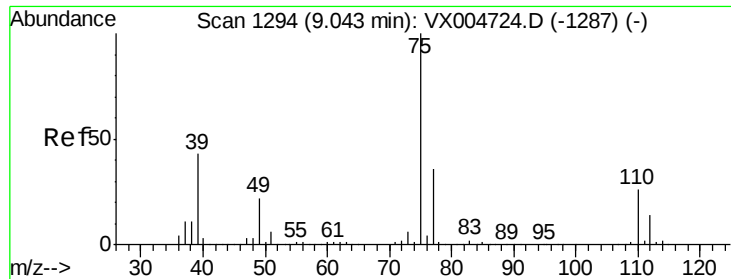
MMDadoda
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#52
Toluene
Concen: 20.346 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion: 92 Resp: 136333
Ion Ratio Lower Upper
92 100
91 174.7 136.4 204.6





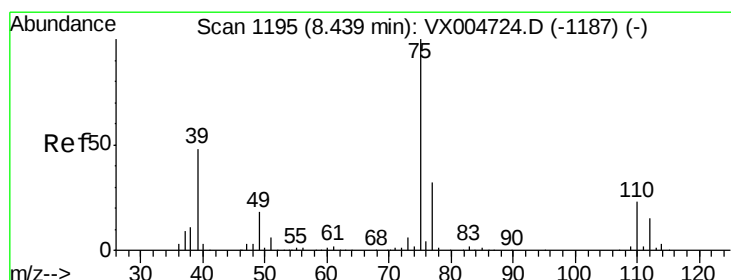
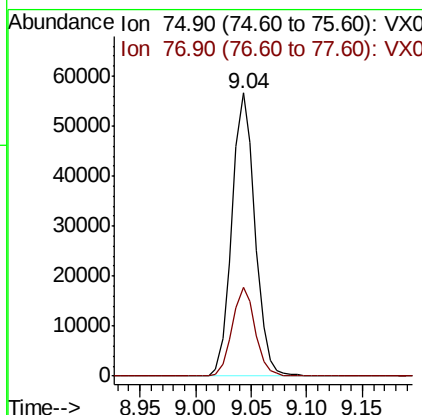
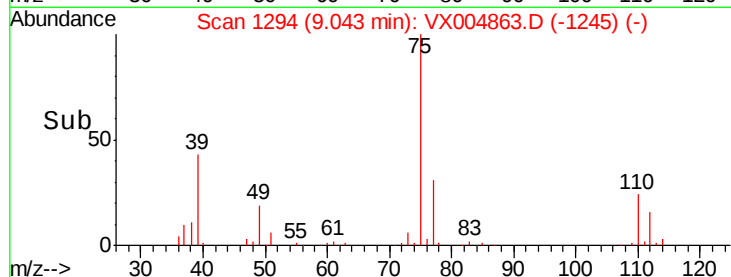
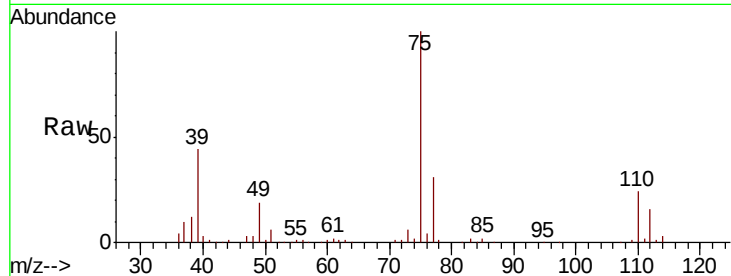
#53
t-1,3-Dichloropropene
Concen: 20.466 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion: 75 Resp: 81380
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0

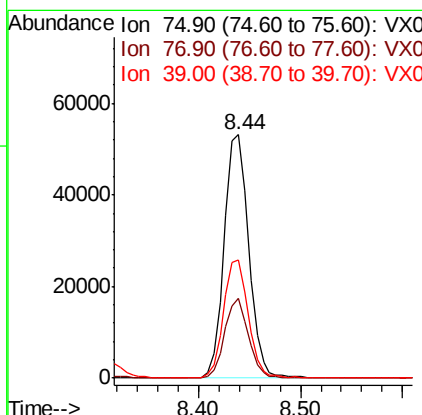
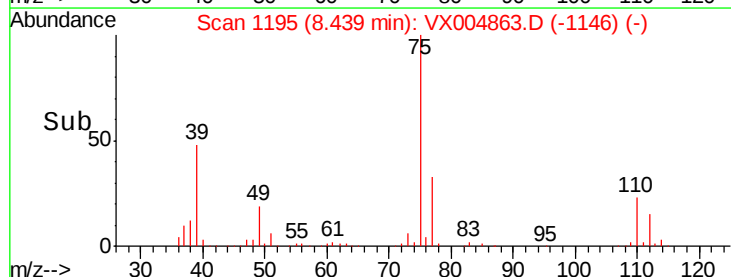
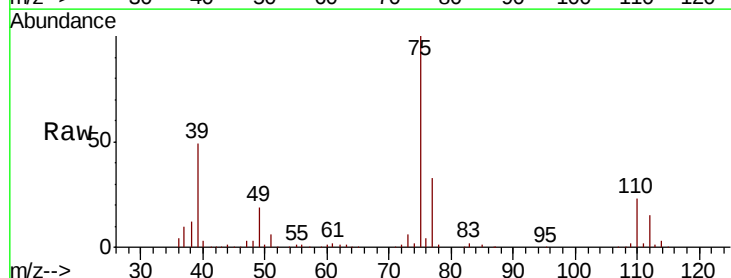
Manual Integrations
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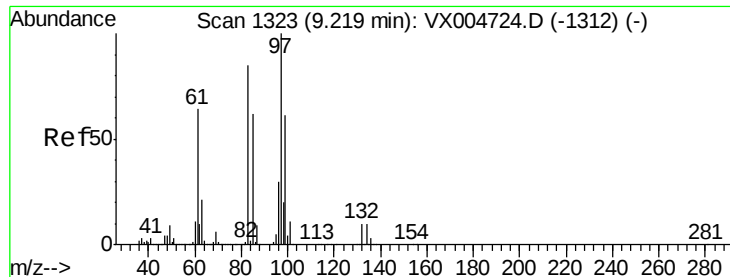
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 21.324 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion: 75 Resp: 88813
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
39 48.3 36.4 54.6





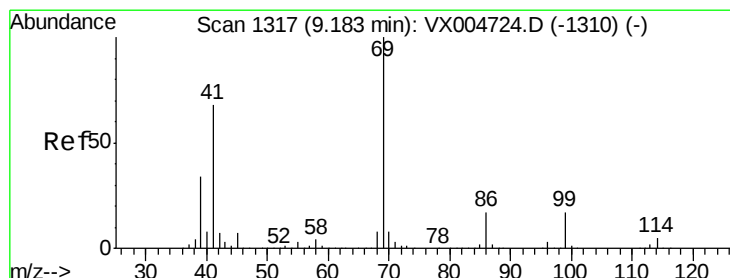
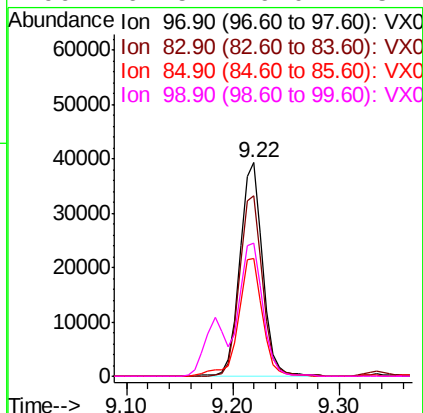
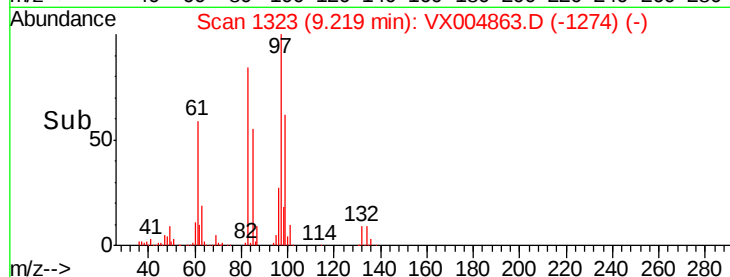
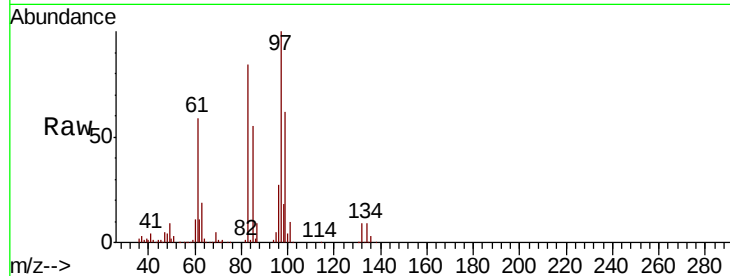
#55
 1,1,2-Trichloroethane
 Concen: 20.108 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		59021		
83	84.5	66.4	99.6		
85	55.0	43.3	64.9		
99	62.5	49.0	73.4		

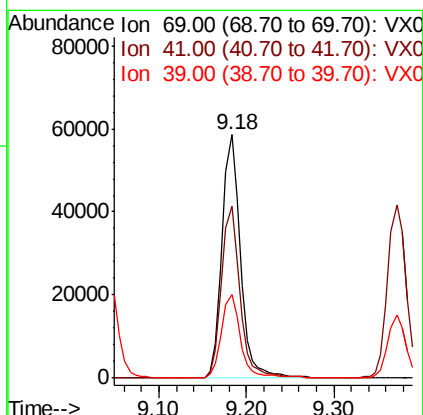
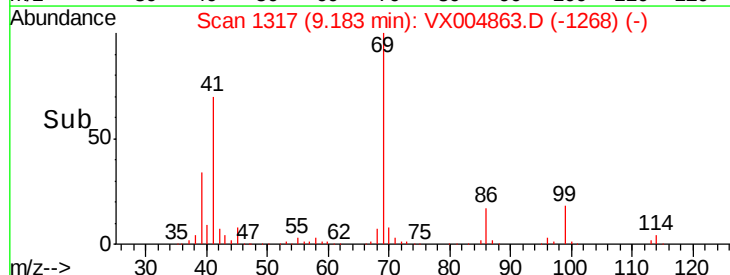
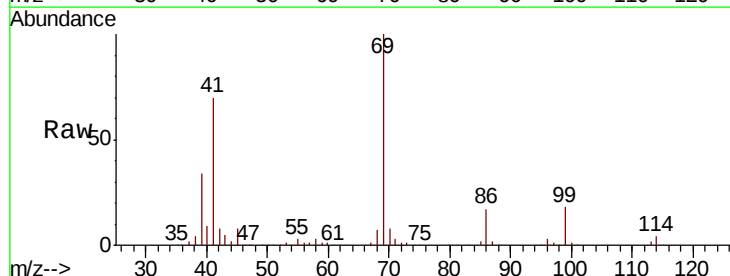
Manual Integrations
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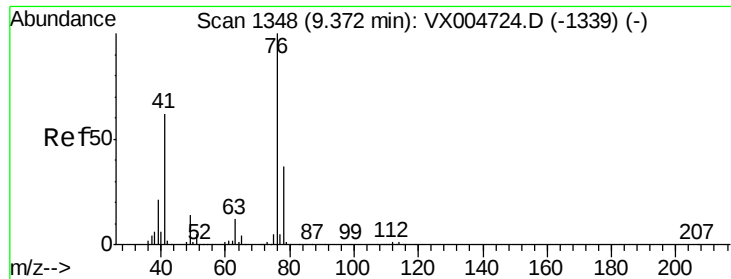
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#56
 Ethyl methacrylate
 Concen: 19.858 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		85864		
41	70.5	51.0	76.4		
39	34.8	26.1	39.1		





#57

1,3-Dichloropropane

Concen: 20.113 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

Tot Ion: 76 Resp: 98254

Ion Ratio Lower Upper

76 100

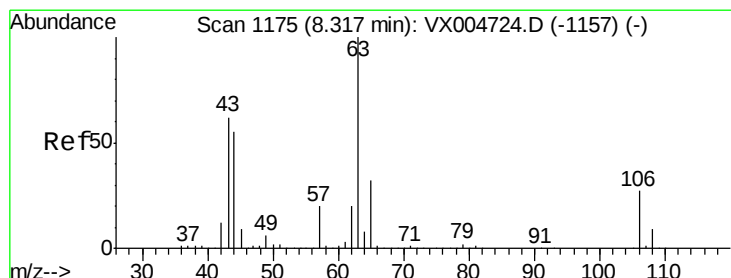
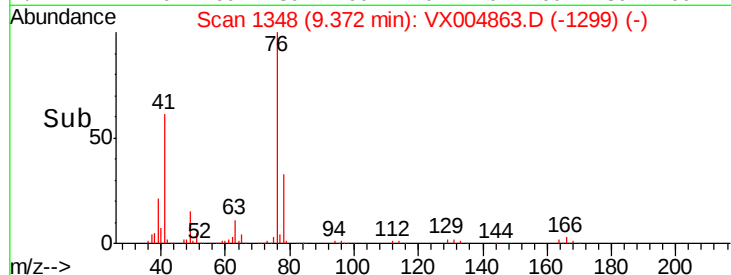
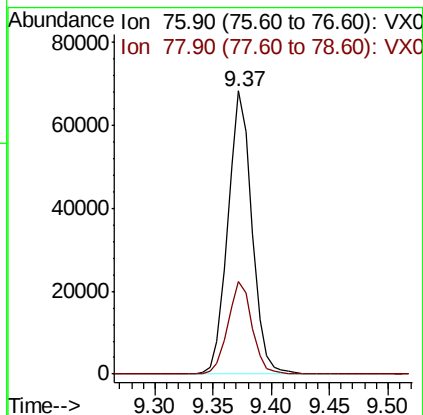
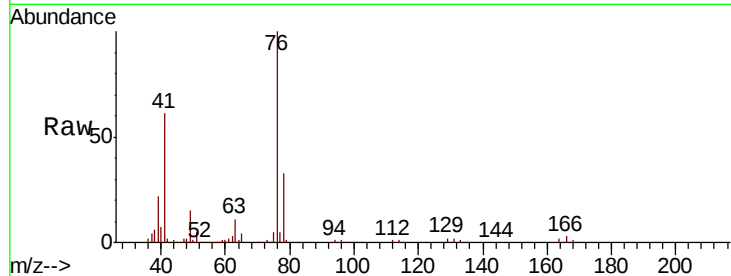
78 32.9 25.5 38.3

Manual Integrations

APPROVED

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10/4/2018 7:07:51 PM



#58

2-Chloroethyl Vinyl ether

Concen: 105.685 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004863.D

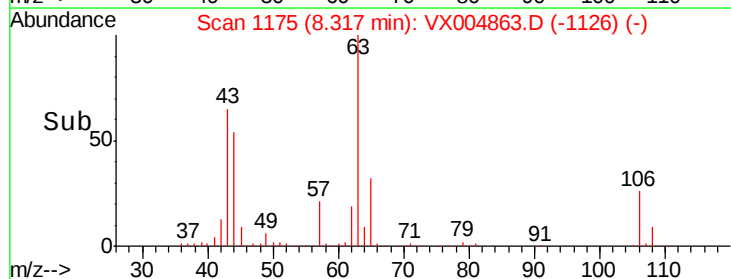
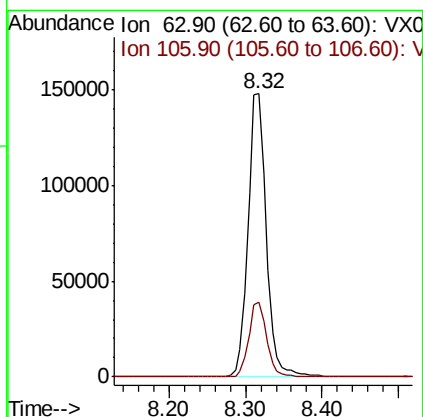
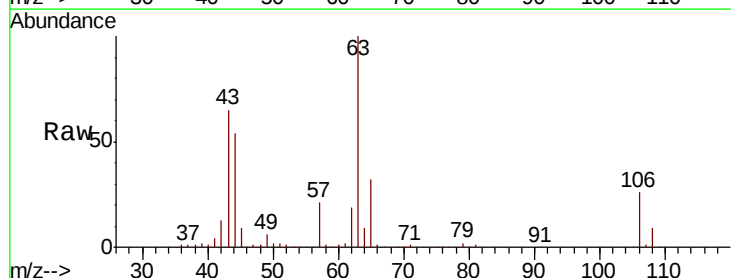
Acq: 01 Oct 2018 11:54

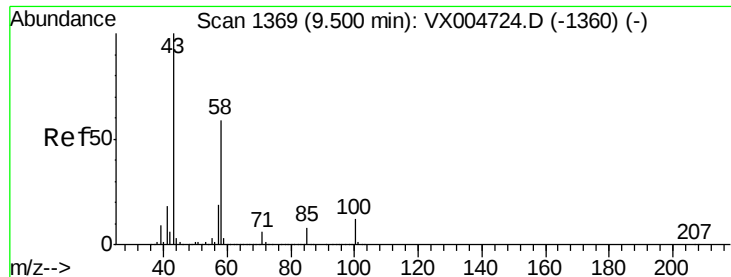
Tgt Ion: 63 Resp: 245235

Ion Ratio Lower Upper

63 100

106 26.2 23.9 35.9





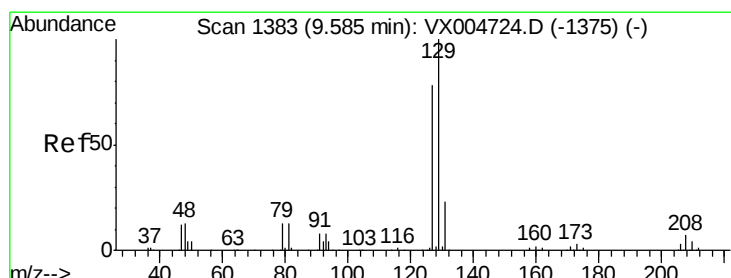
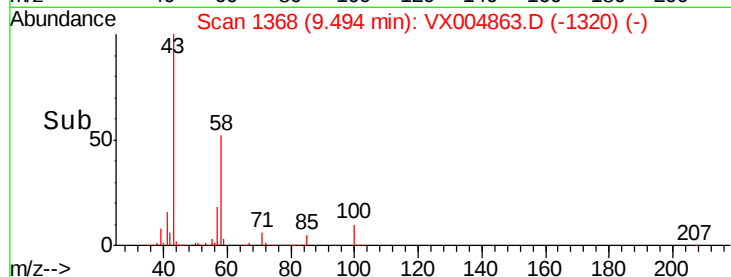
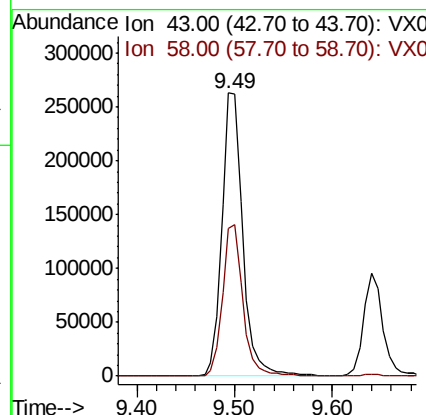
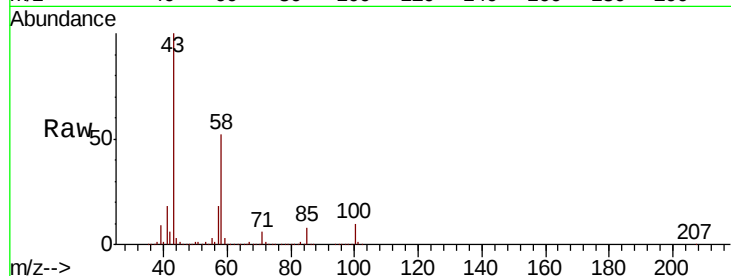
#59
2-Hexanone
Concen: 99.432 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion: 43 Resp: 389347
Ion Ratio Lower Upper
43 100
58 52.5 29.0 87.0

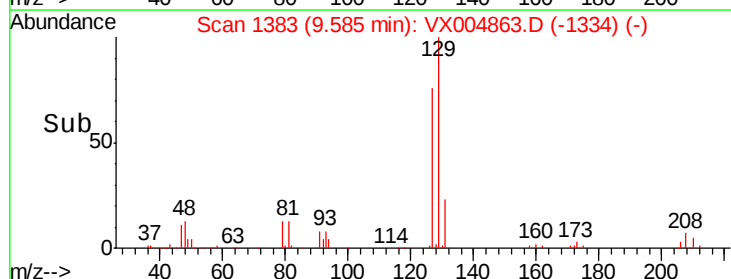
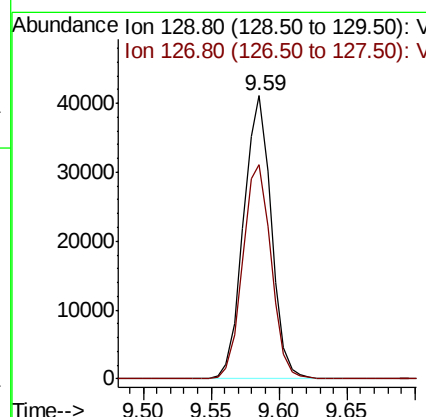
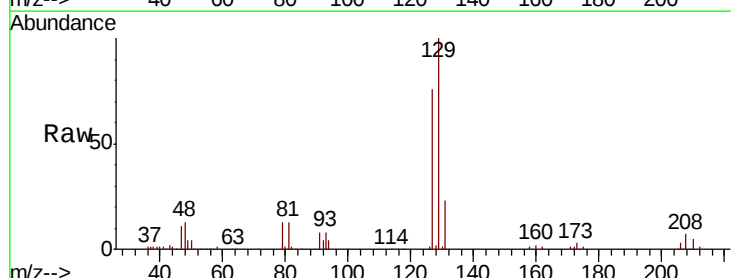
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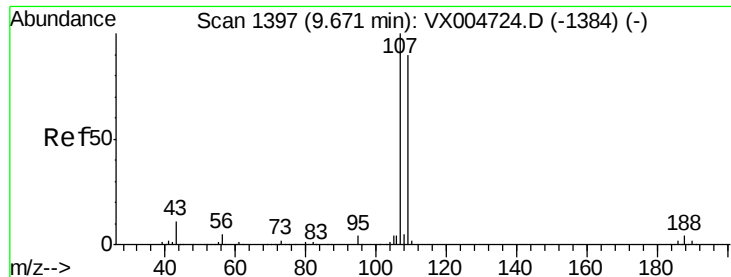
MMDadoda
10/4/2018 7:07:51 PM



#60
Dibromochloromethane
Concen: 19.920 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion: 129 Resp: 58474
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.571 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

Tot Ion:107 Resp: 61521

Ion Ratio Lower Upper

107 100

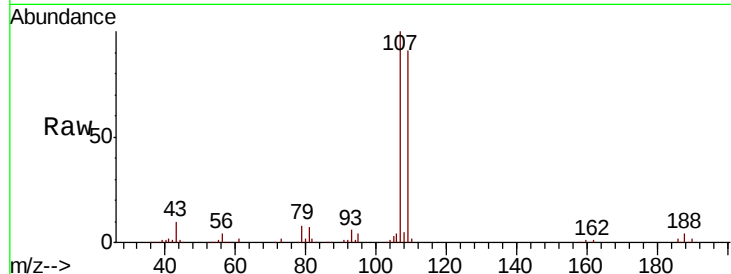
109 93.1 76.0 114.0

Manual Integrations

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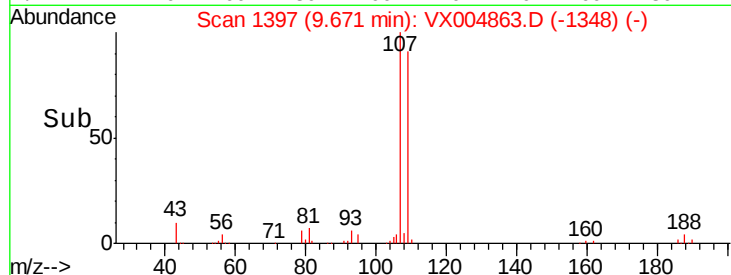
10/4/2018 7:07:51 PM



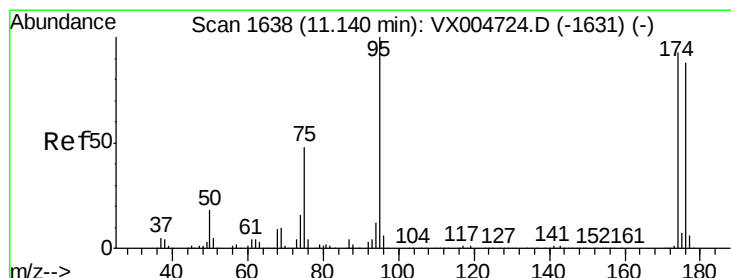
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



Time-->



#62

4-Bromofluorobenzene

Concen: 51.910 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

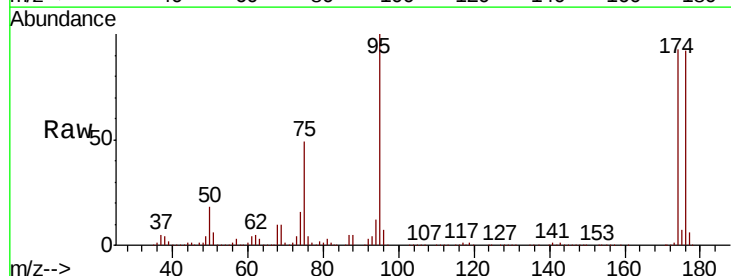
Tgt Ion: 95 Resp: 177493

Ion Ratio Lower Upper

95 100

174 90.6 0.0 185.2

176 89.3 0.0 178.6

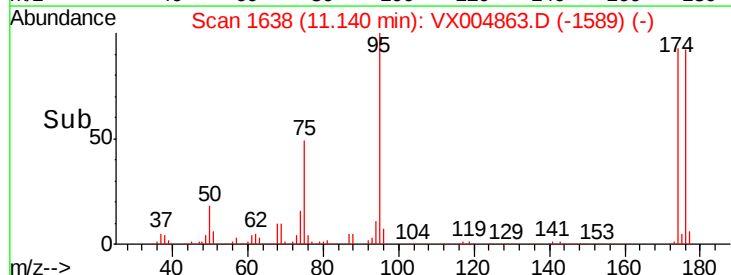


Abundance Ion 94.90 (94.60 to 95.60): VX0

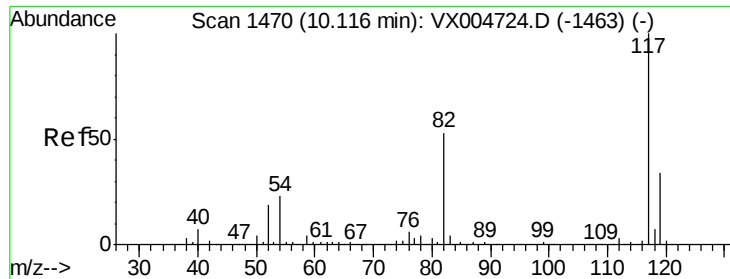
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14



Time-->



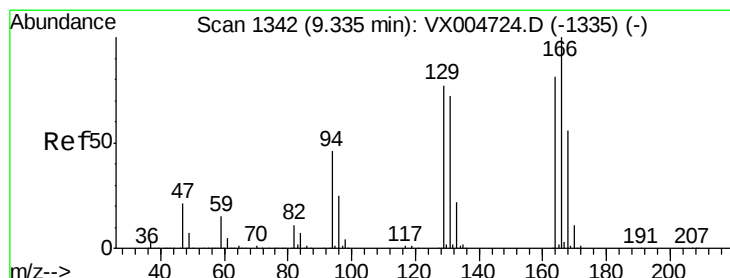
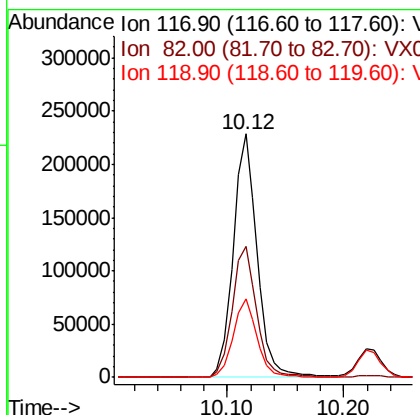
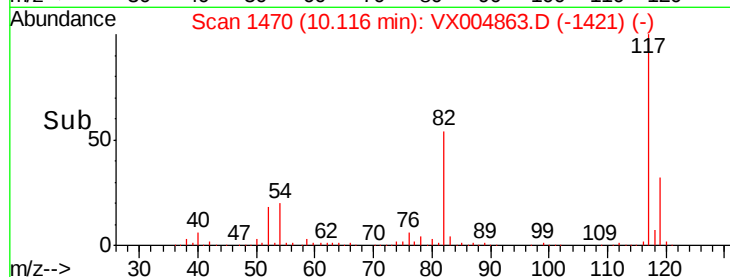
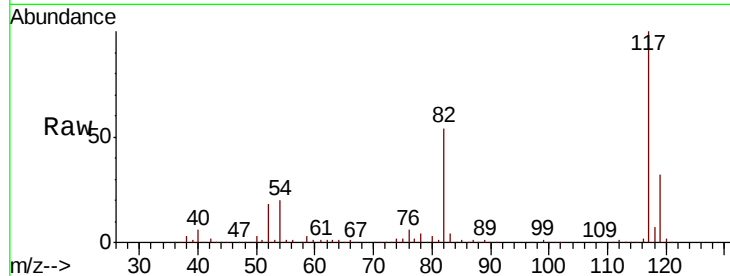
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	47.8	71.6
119	32.3	29.3	43.9

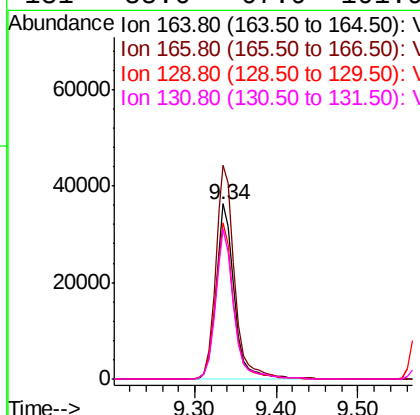
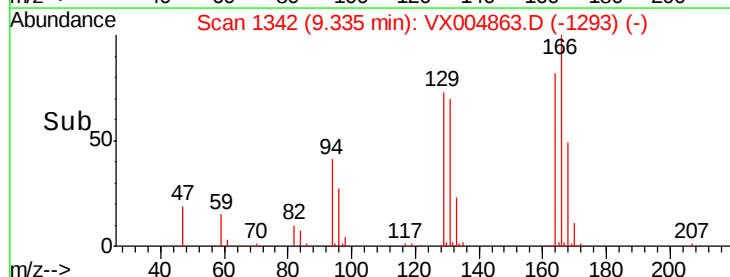
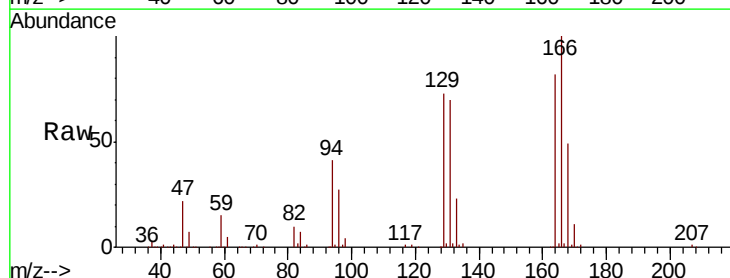
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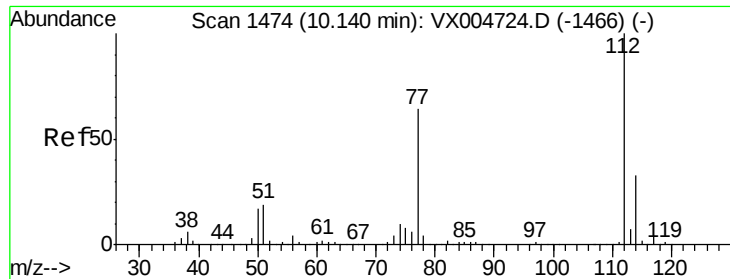
MMDadoda
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#64
Tetrachloroethene
Concen: 17.802 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.0	102.8	154.2
129	89.0	69.4	104.0
131	85.6	67.9	101.9





#65

Chlorobenzene

Concen: 18.617 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

Tot Ion:112 Resp: 155611

Ion Ratio Lower Upper

112 100

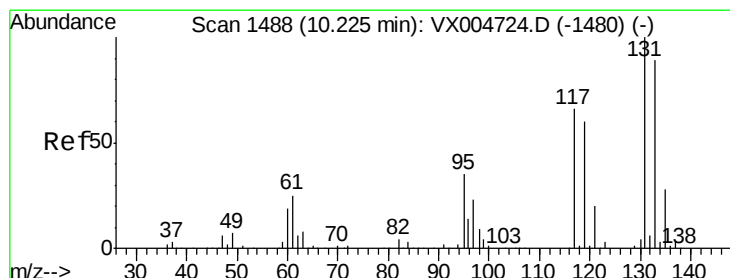
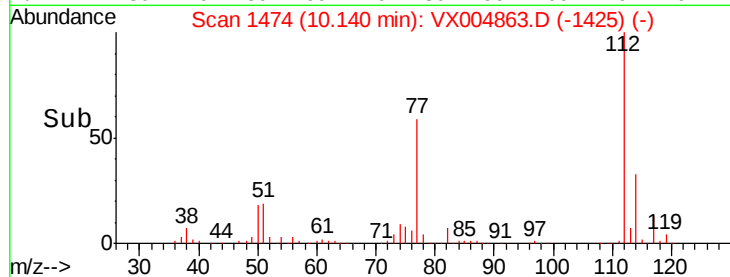
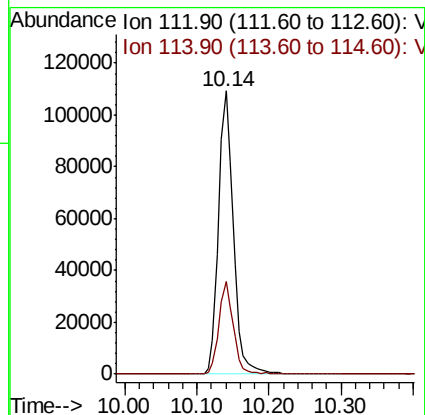
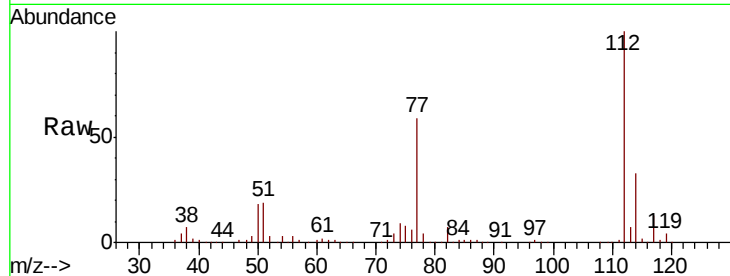
114 32.9 27.8 41.8

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.063 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

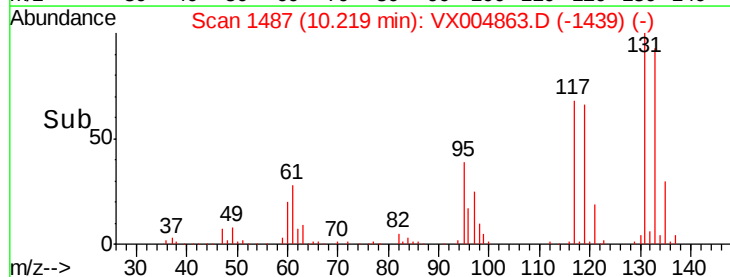
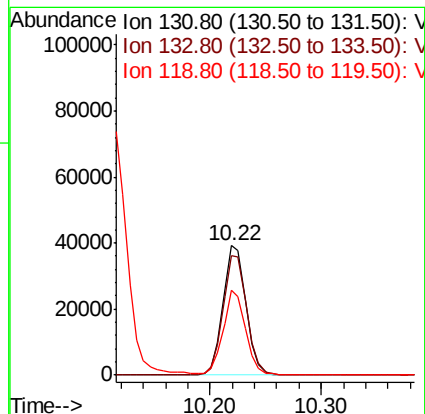
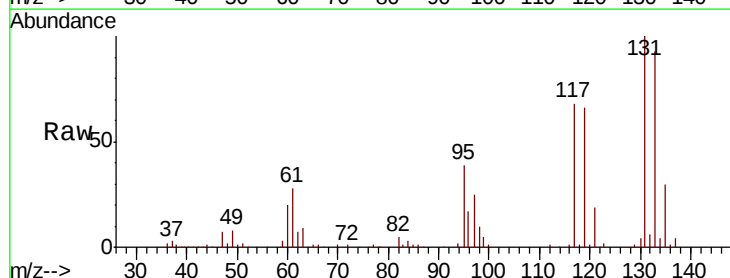
Tgt Ion:131 Resp: 56017

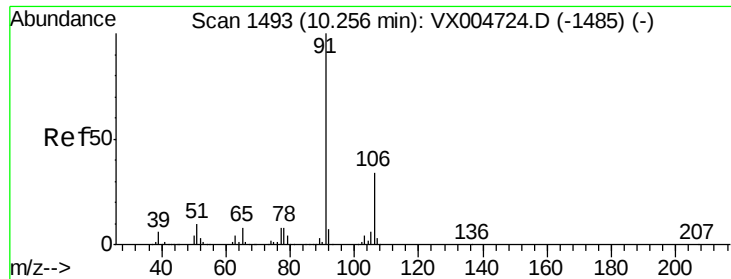
Ion Ratio Lower Upper

131 100

133 95.1 48.1 144.4

119 64.0 32.9 98.6





#67

Ethyl Benzene

Concen: 18.707 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

Tot Ion: 91 Resp: 248251

Ion Ratio Lower Upper

91 100

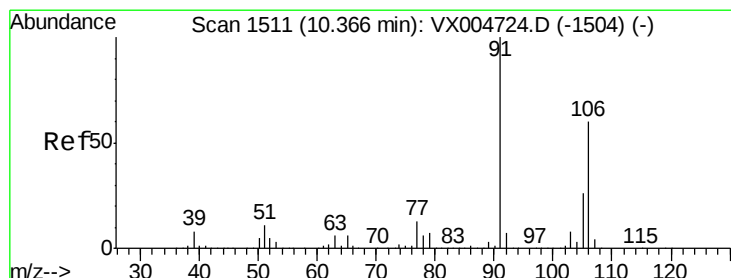
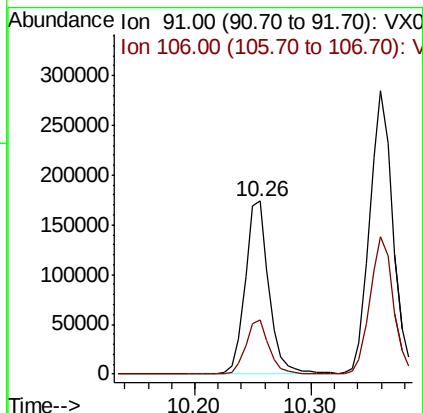
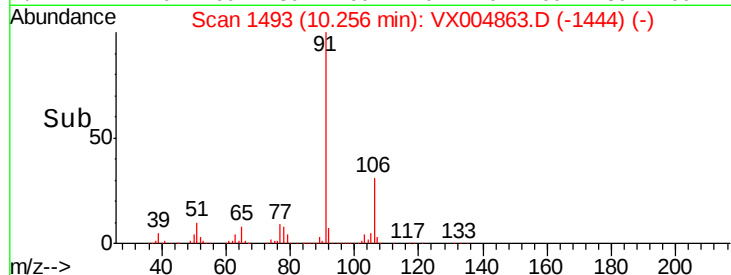
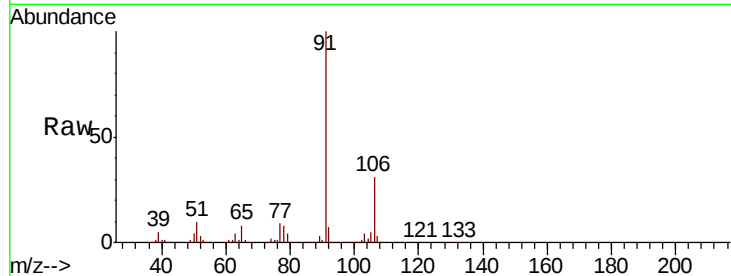
106 31.3 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.215 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004863.D

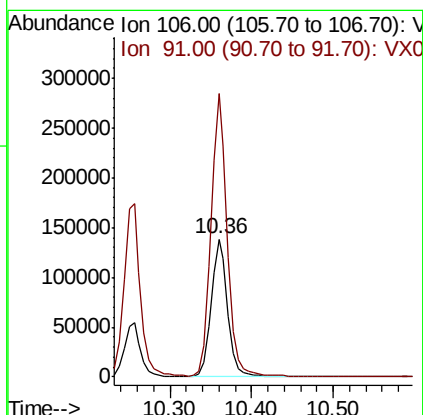
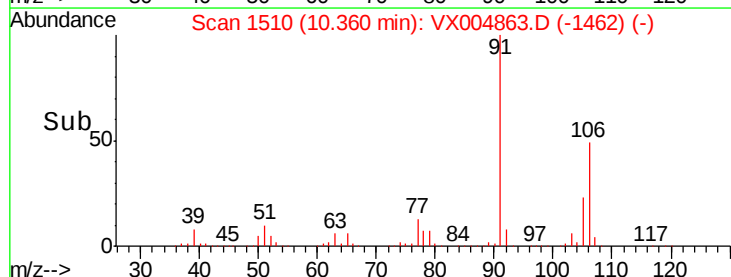
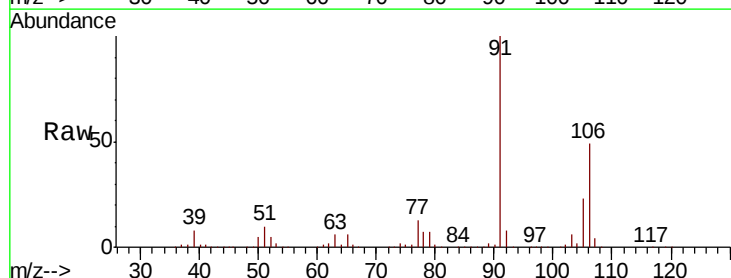
Acq: 01 Oct 2018 11:54

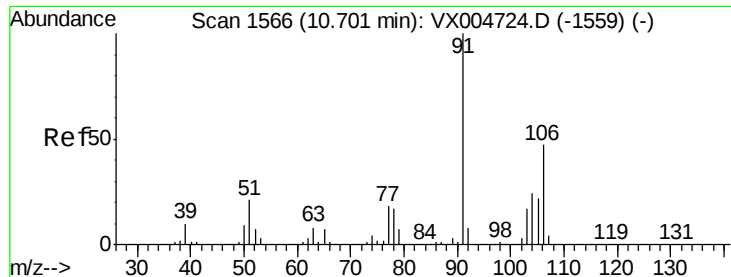
Tgt Ion: 106 Resp: 198172

Ion Ratio Lower Upper

106 100

91 203.0 157.1 235.7





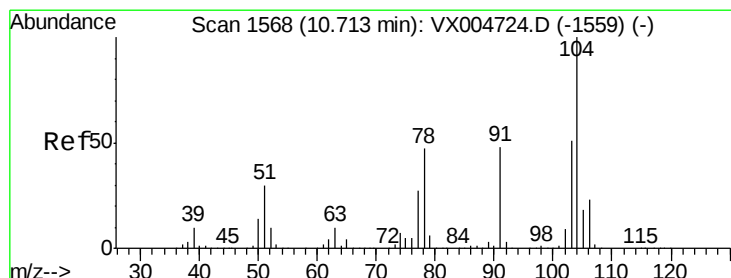
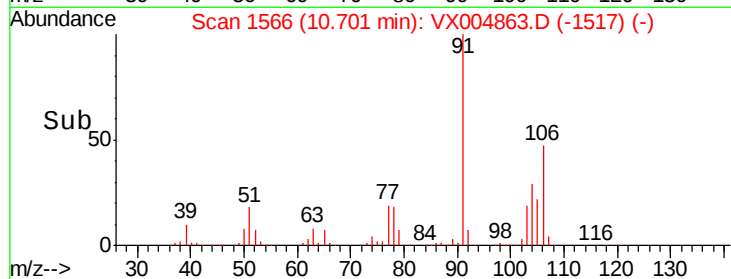
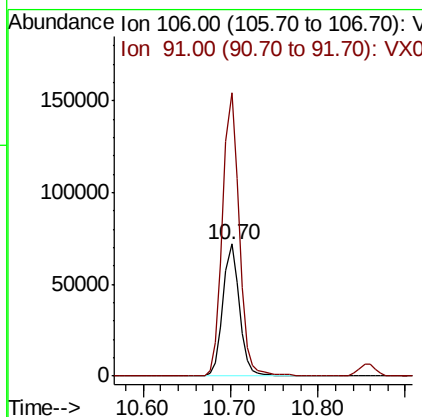
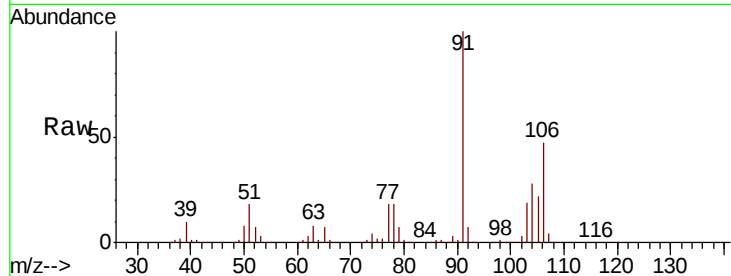
#69
o-Xylene
Concen: 19.871 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampled :
VX1001WBSD01

Tot Ion:106 Resp: 94645
Ion Ratio Lower Upper
106 100
91 215.6 105.1 315.1

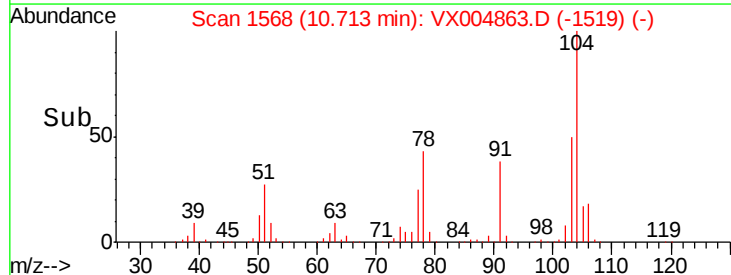
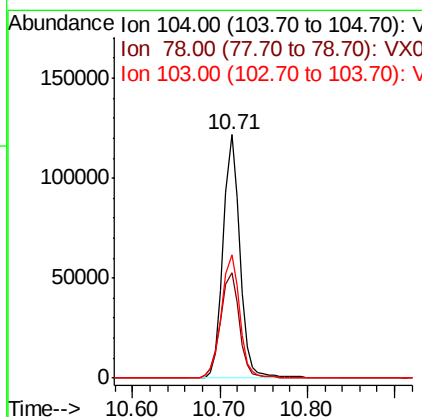
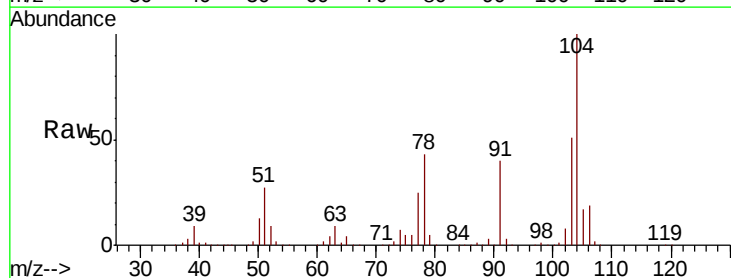
Manual Integrations
APPROVED

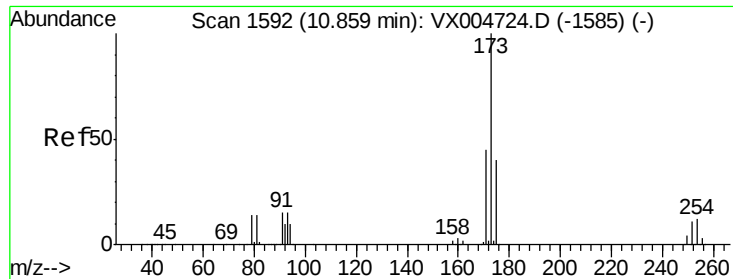
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#70
Styrene
Concen: 19.487 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion:104 Resp: 161440
Ion Ratio Lower Upper
104 100
78 48.8 37.4 56.0
103 55.3 43.8 65.6





#71

Bromoform

Concen: 18.591 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

Tot Ion:173 Resp: 46771

Ion Ratio Lower Upper

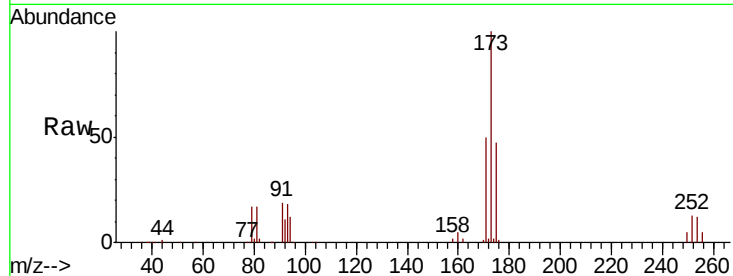
173 100

175 48.4 24.1 72.3

254 0.1 0.2 0.2#

Manual Integrations
APPROVED

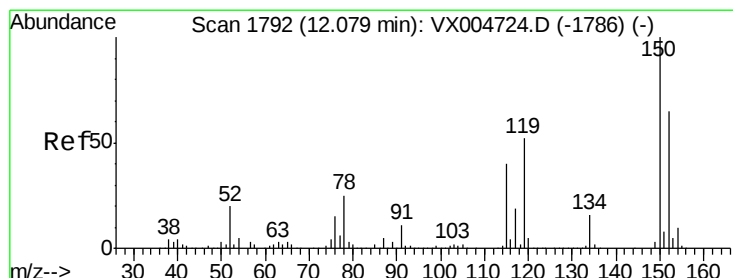
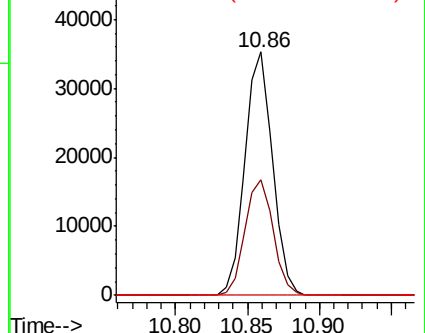
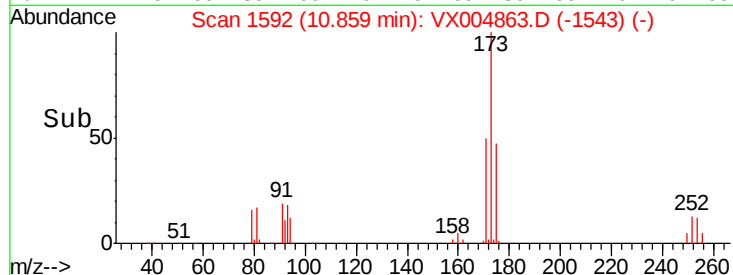
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

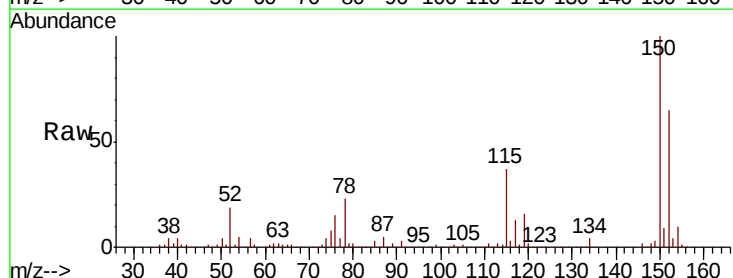
Tgt Ion:152 Resp: 198335

Ion Ratio Lower Upper

152 100

115 64.2 39.0 117.0

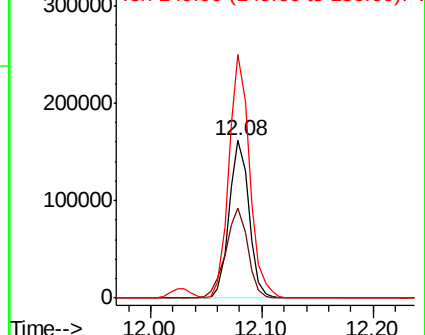
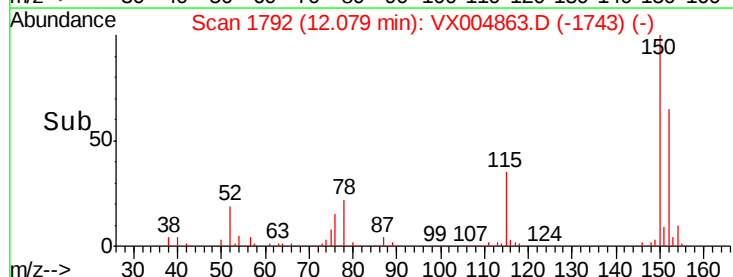
150 161.7 0.0 351.0

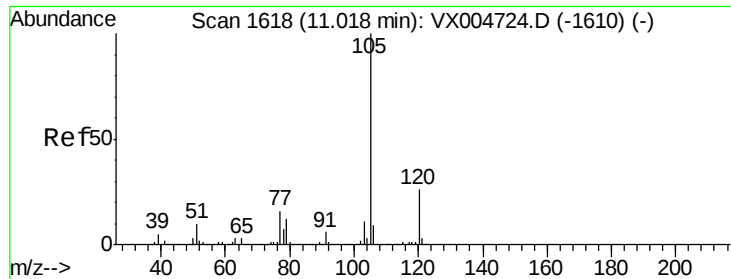


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.068 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

Tot Ion: 105 Resp: 250878

Ion Ratio Lower Upper

105 100

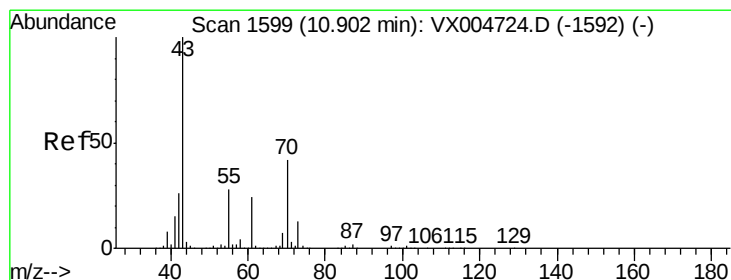
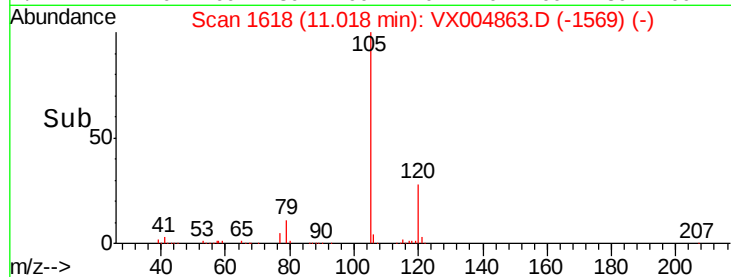
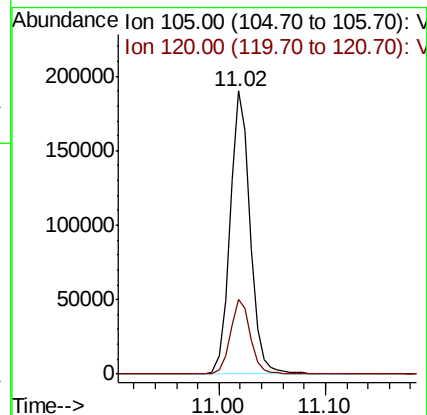
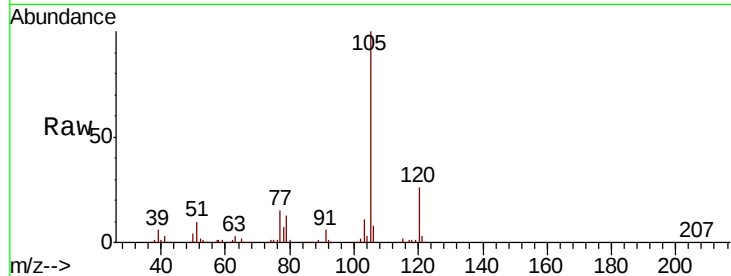
120 26.4 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.822 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Tgt Ion: 43 Resp: 121568

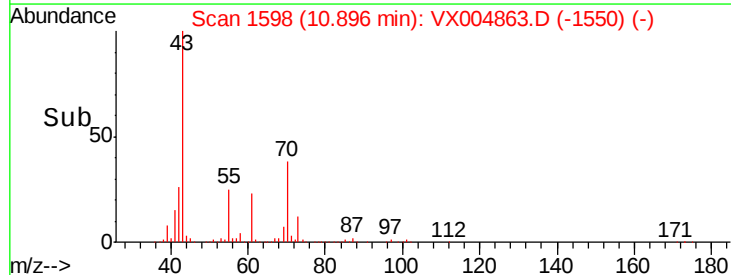
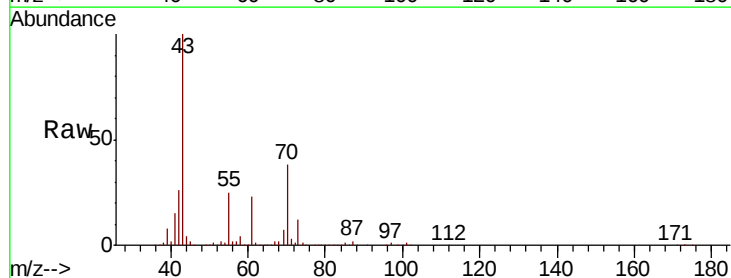
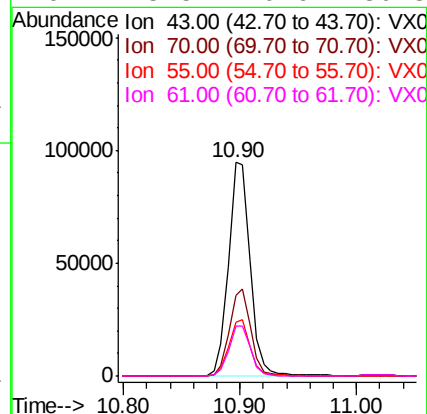
Ion Ratio Lower Upper

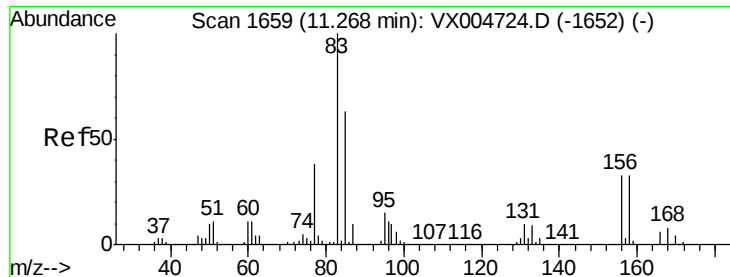
43 100

70 40.1 37.4 56.0

55 26.0 21.8 32.8

61 23.5 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.873 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

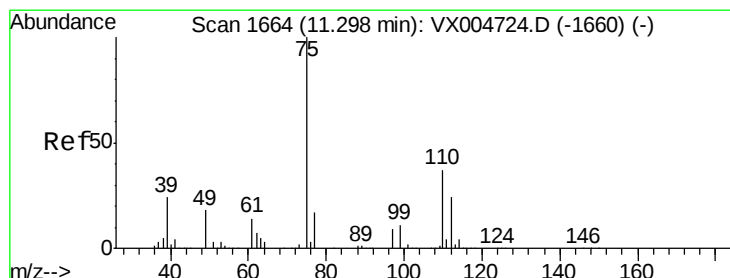
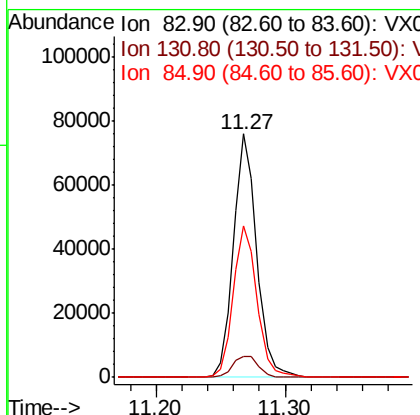
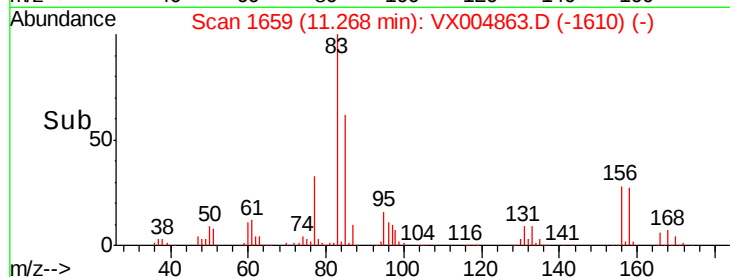
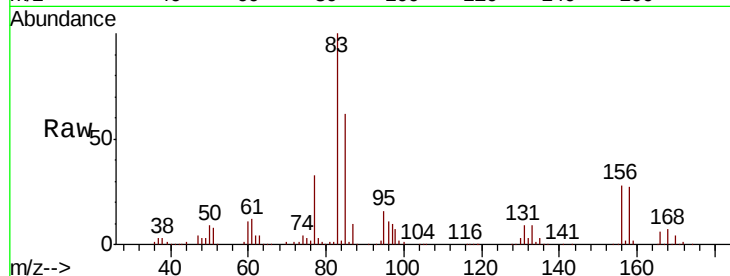
ClientSampleId :

VX1001WBSD01

Tot Ion:	83	Resp:	96041
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.2	15.6
85	63.5	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.672 ug/l m

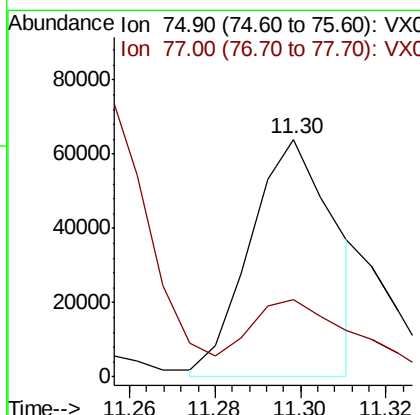
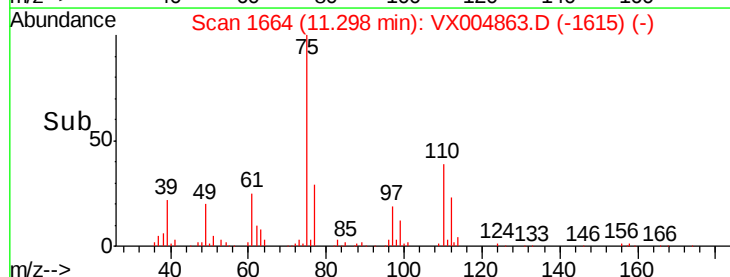
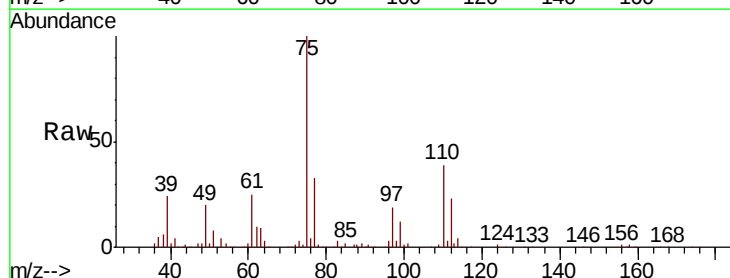
RT: 11.30 min Scan# 1664

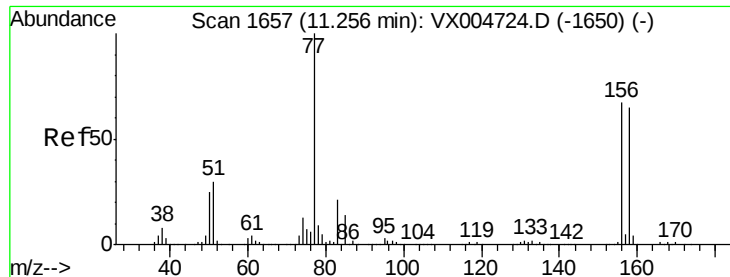
Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Tgt Ion:	75	Resp:	87449
Ion Ratio	Lower	Upper	
75	100		
77	41.0	20.2	60.6





#77

Bromobenzene

Concen: 19.647 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

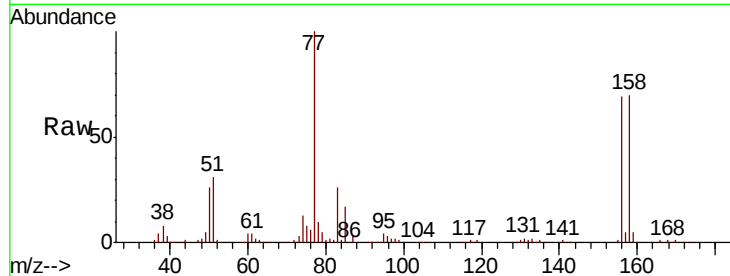
ClientSampleId :

VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	146.6	71.5	214.3
158	97.0	48.9	146.8

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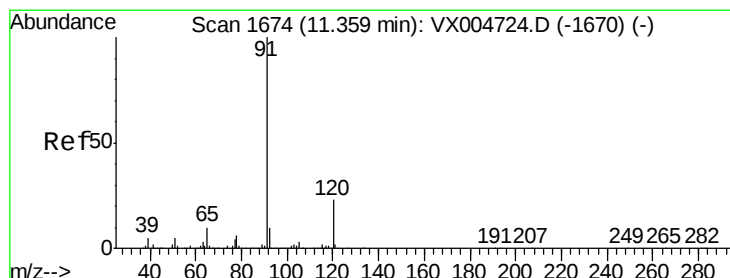
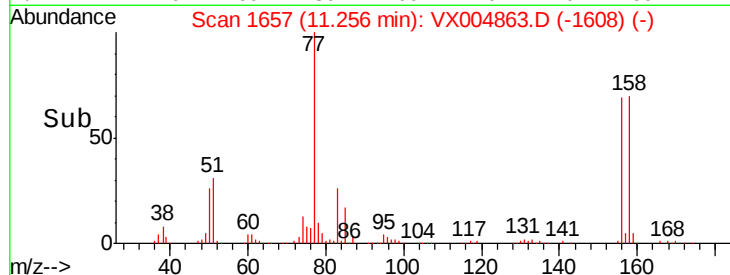
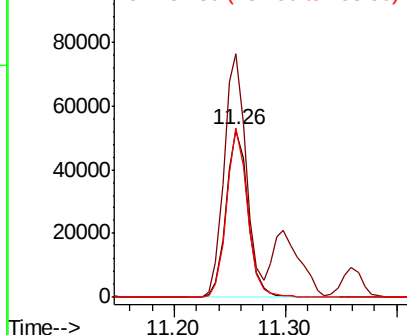


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.263 ug/l

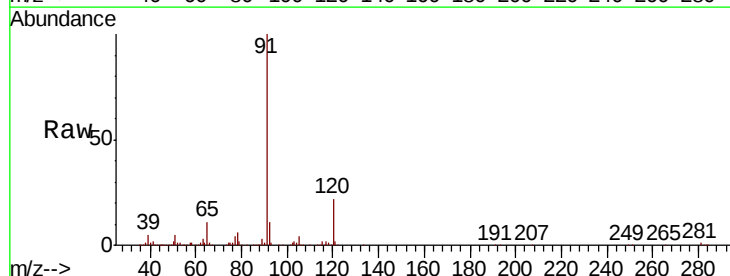
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

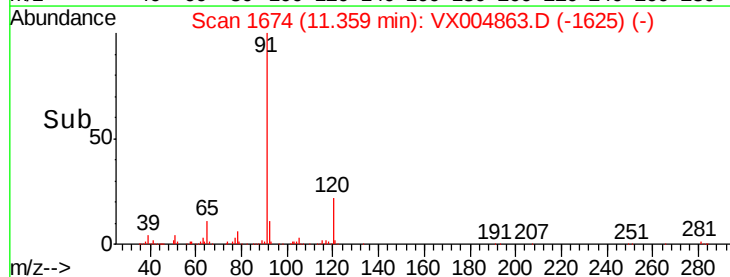
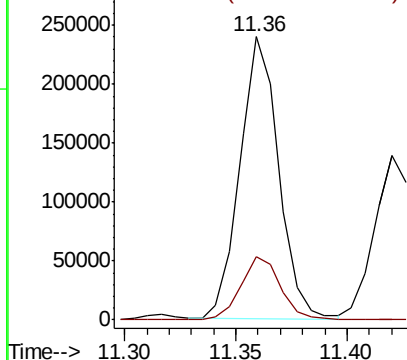
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.9	35.9

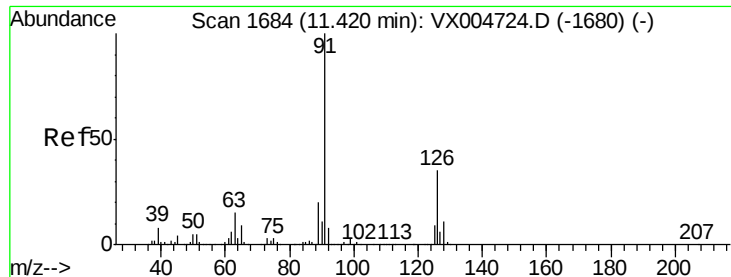


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.782 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBSD01

Tot Ion: 91 Resp: 176865

Ion Ratio Lower Upper

91 100

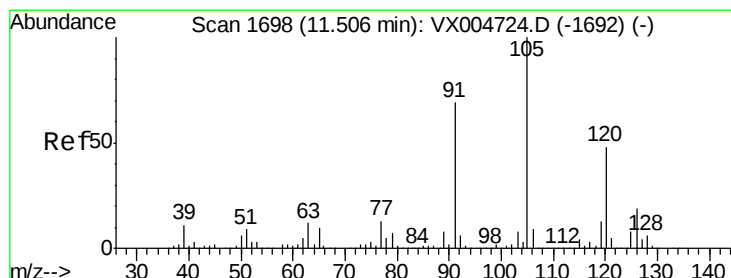
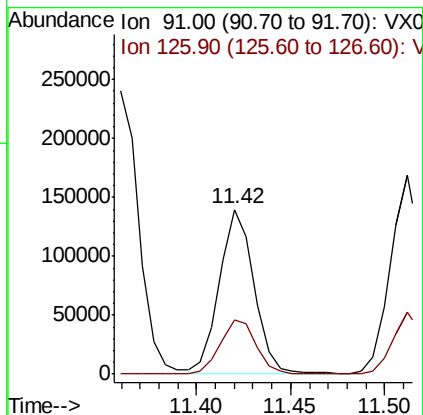
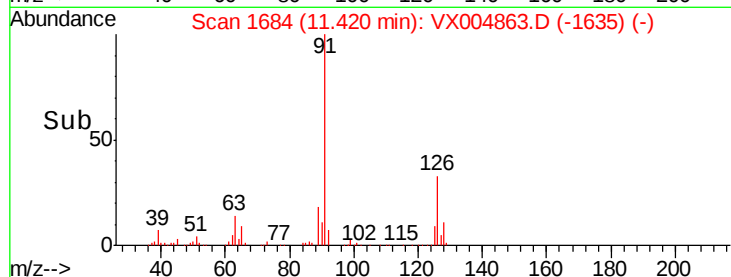
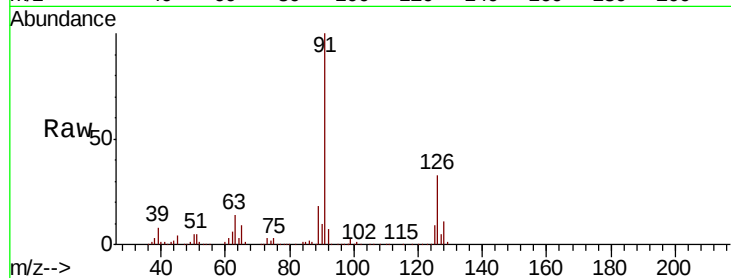
126 35.1 17.9 53.7

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#80

1,3,5-Trimethylbenzene

Concen: 18.692 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004863.D

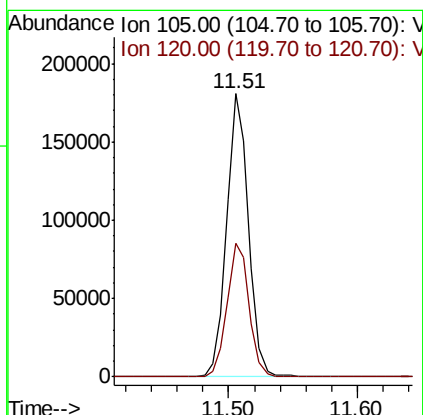
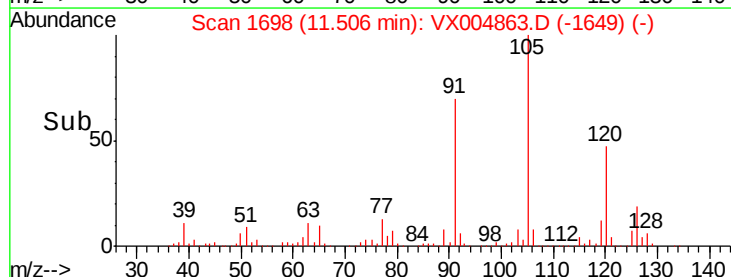
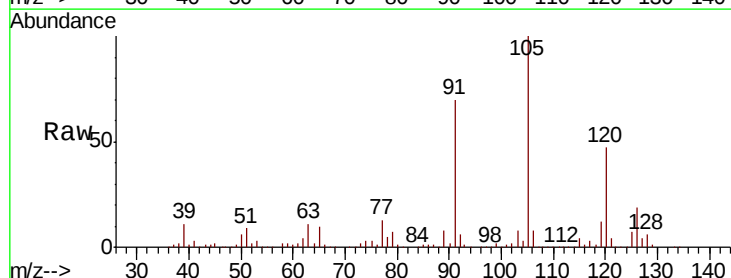
Acq: 01 Oct 2018 11:54

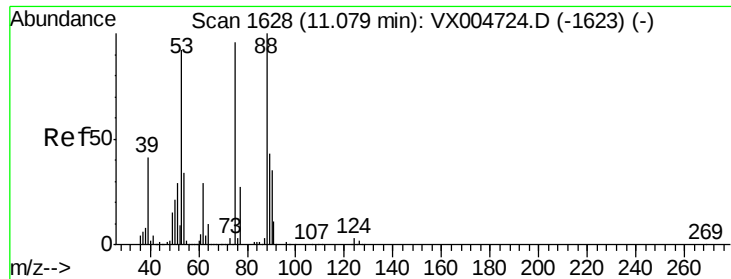
Tgt Ion: 105 Resp: 215585

Ion Ratio Lower Upper

105 100

120 48.0 25.6 76.8





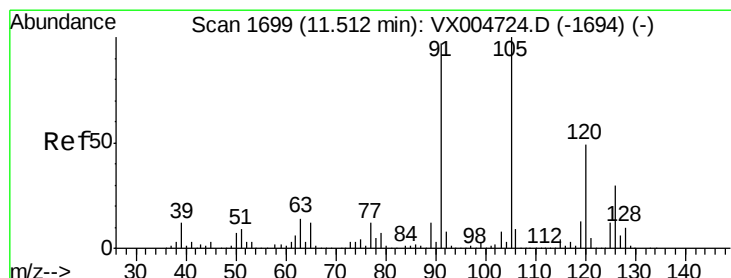
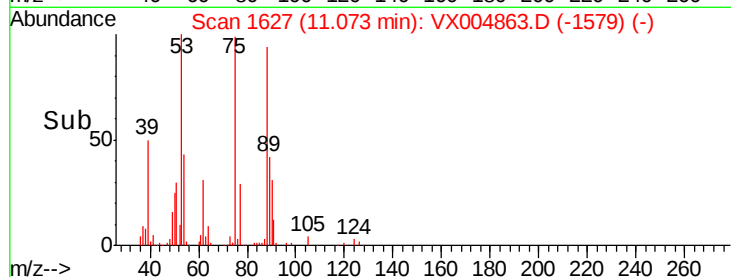
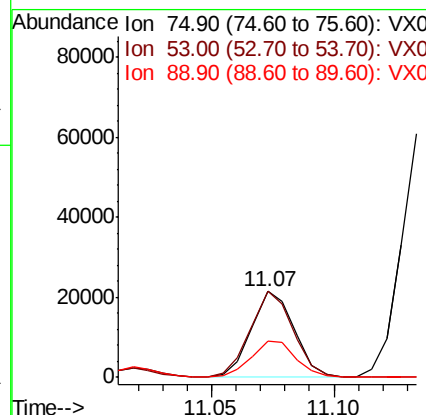
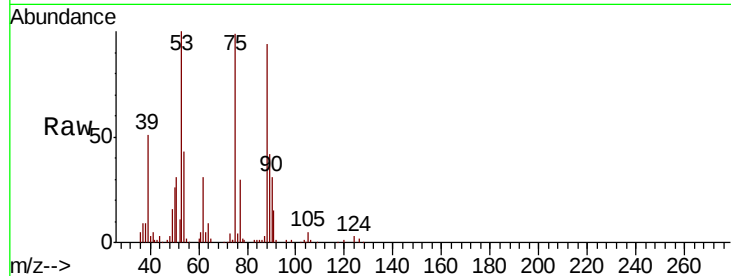
#81
trans-1,4-Dichloro-2-butene
Concen: 17.286 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.7	80.1	120.1
89	44.6	37.2	55.8

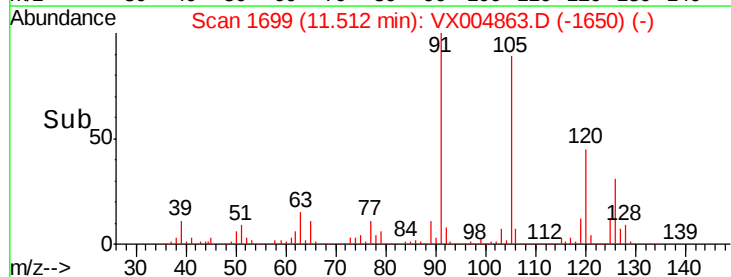
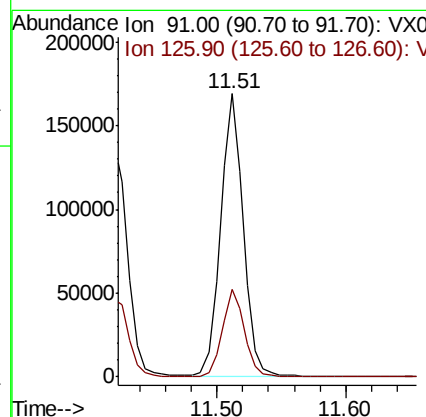
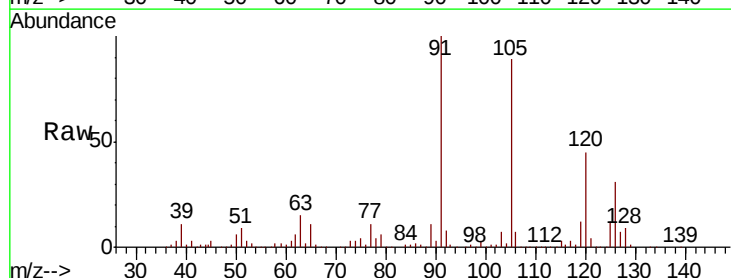
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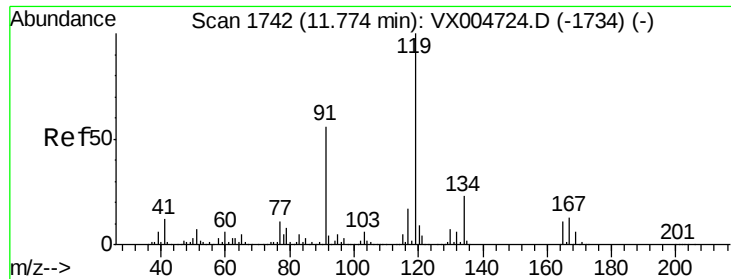
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#82
4-Chlorotoluene
Concen: 19.911 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.5	46.5





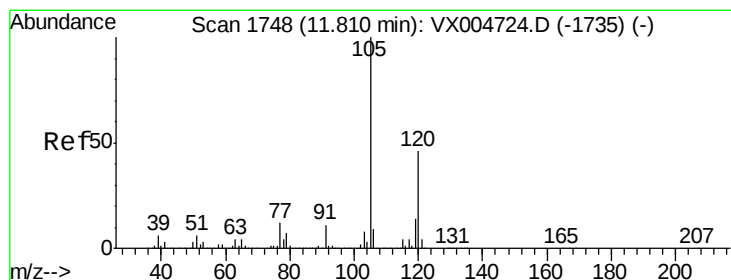
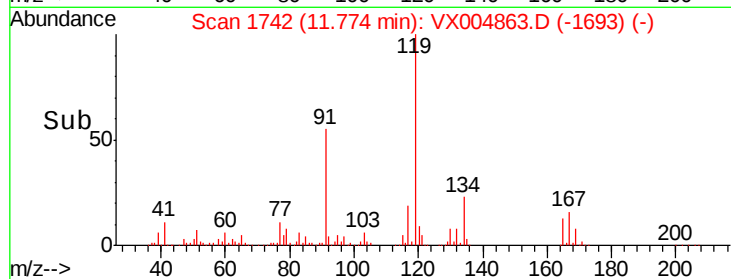
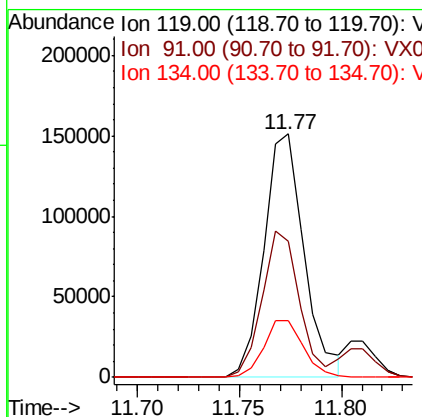
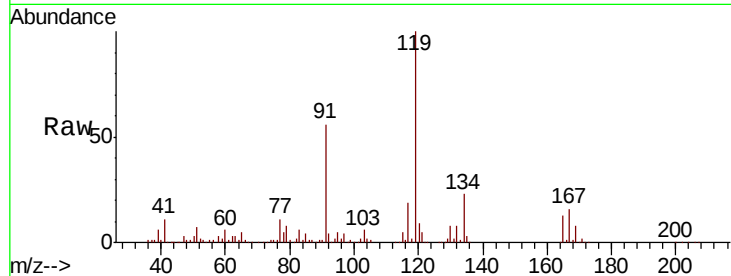
#83
tert-Butylbenzene
Concen: 20.117 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.7	27.0	81.0
134	23.2	11.7	35.1

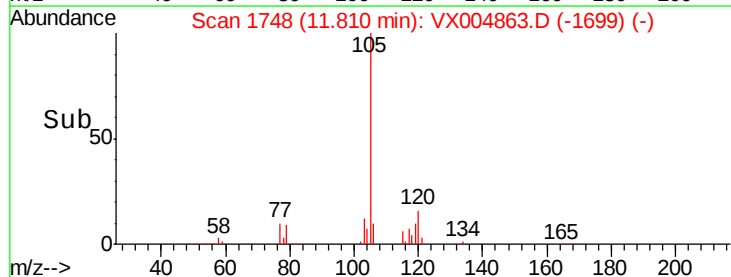
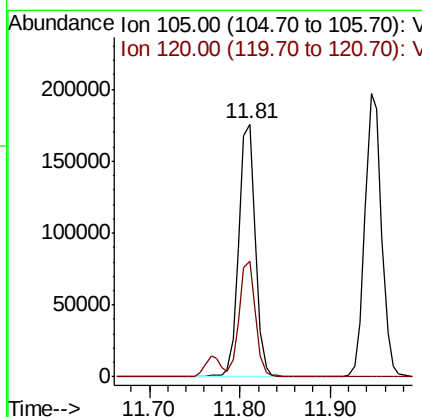
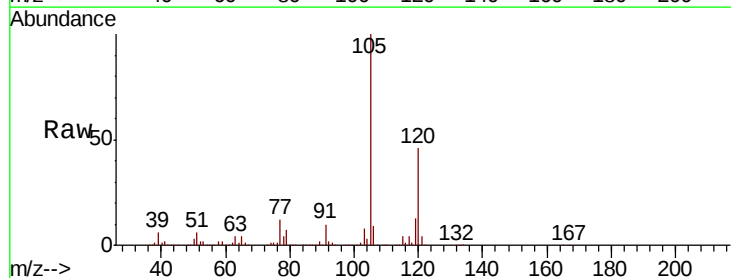
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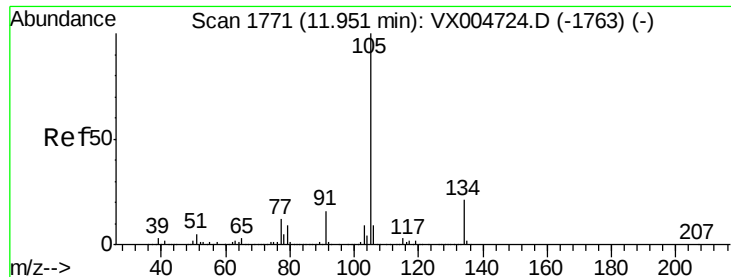
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 18.778 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	23.2	69.6





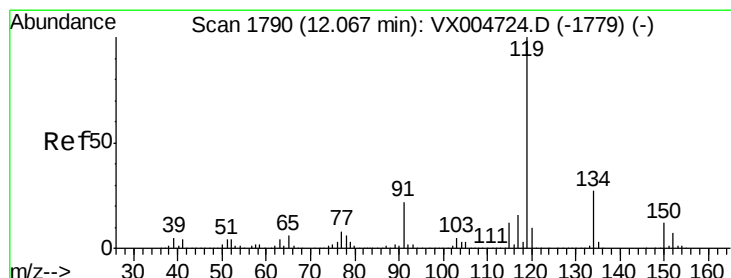
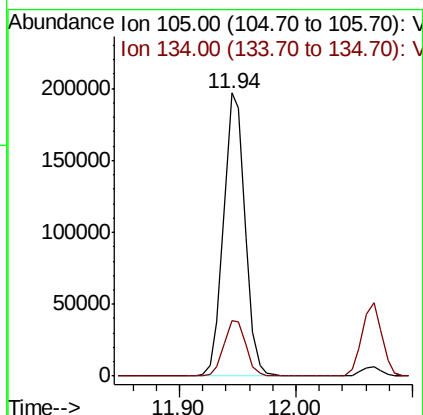
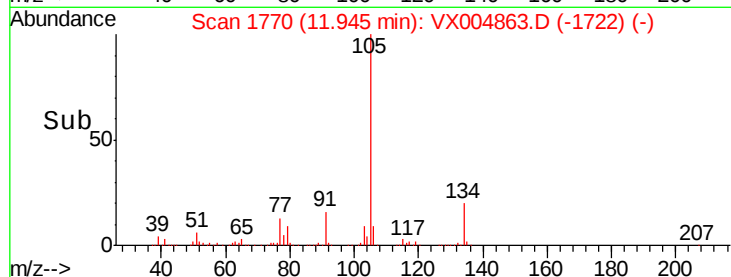
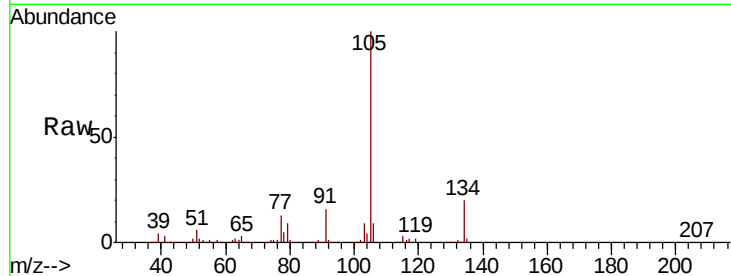
#85
 sec-Butylbenzene
 Concen: 19.993 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.5	31.5

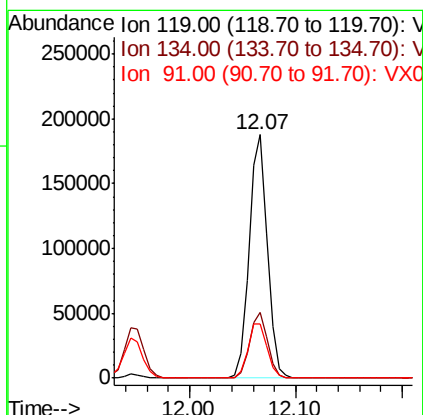
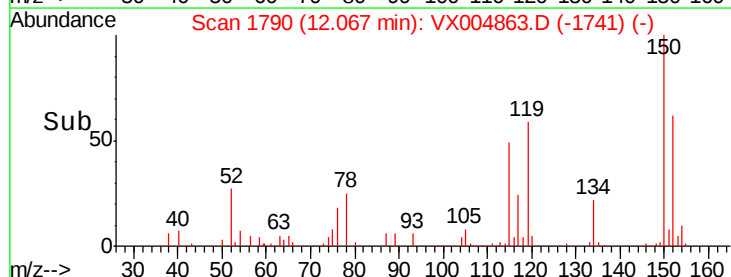
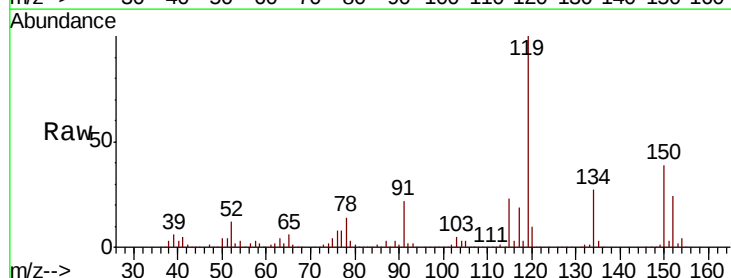
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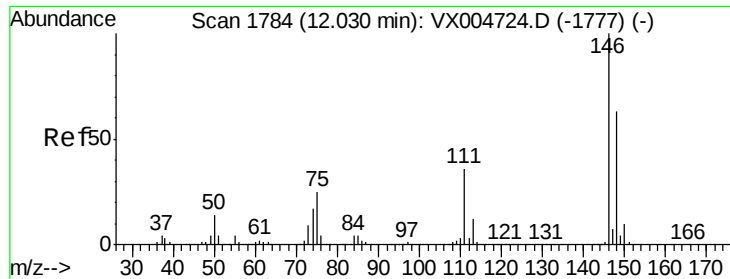
MMDadoda
 10/4/2018 7:07:51 PM



#86
 p-Isopropyltoluene
 Concen: 19.757 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.4	40.2
91	23.5	10.9	32.7





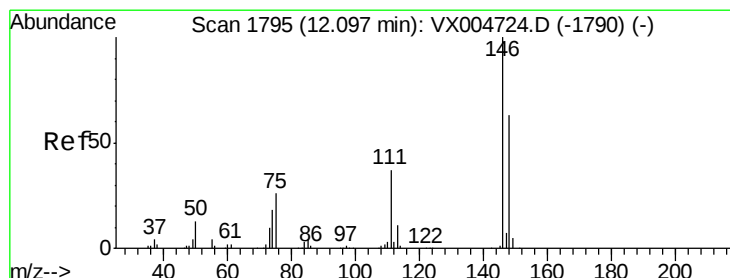
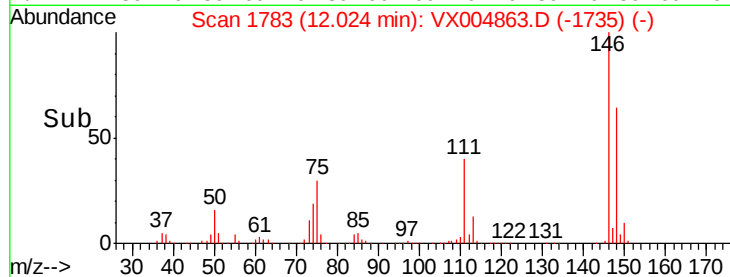
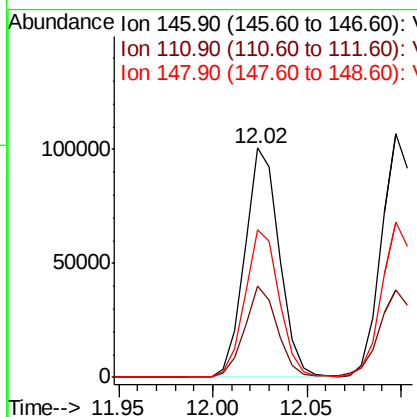
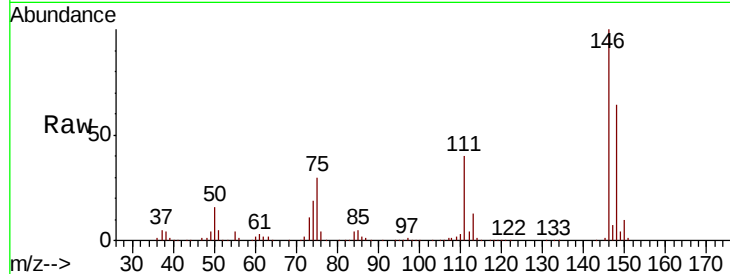
#87
 1,3-Dichlorobenzene
 Concen: 18.912 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	63.8	32.1	96.5

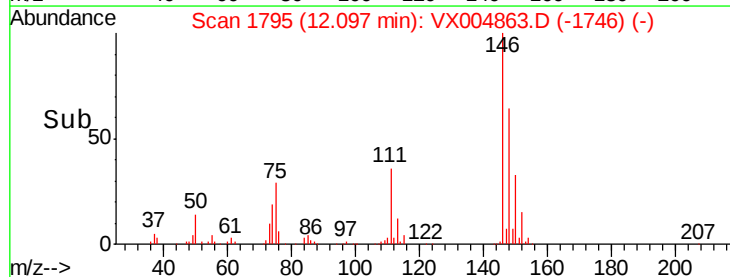
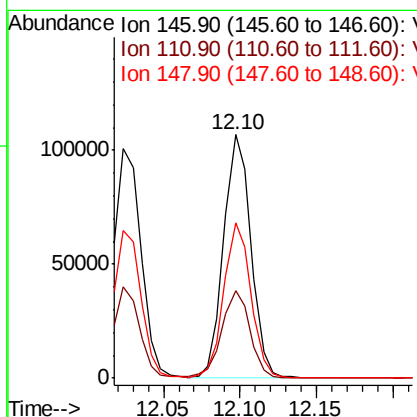
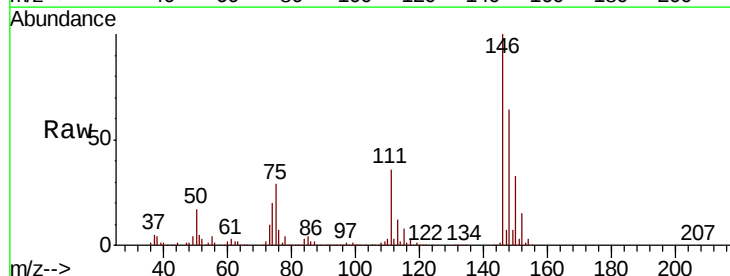
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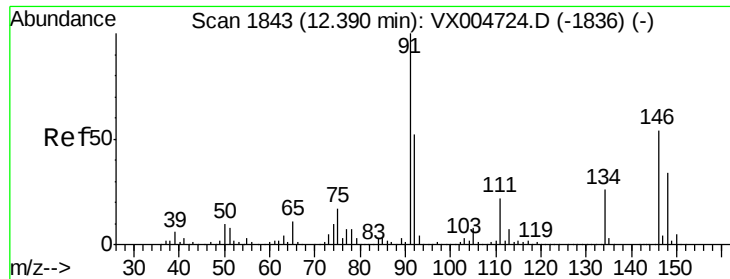
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#88
 1,4-Dichlorobenzene
 Concen: 18.860 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.1
148	63.6	32.0	96.0





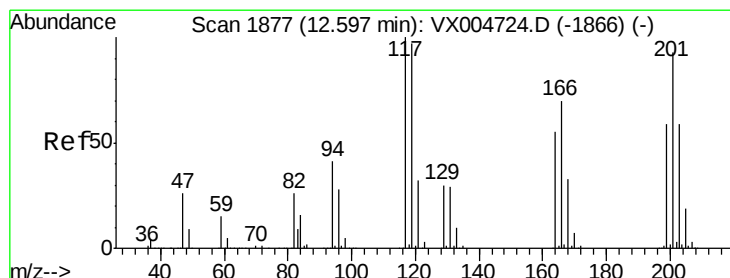
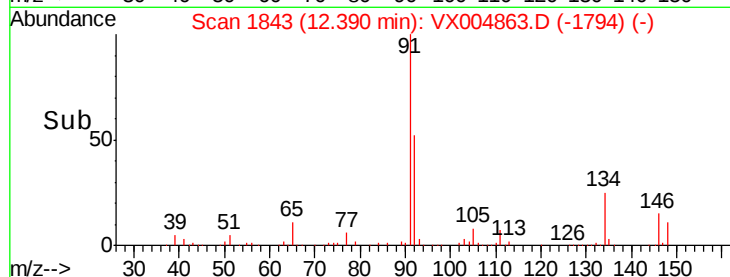
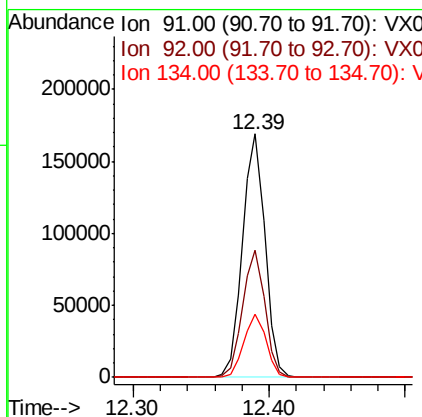
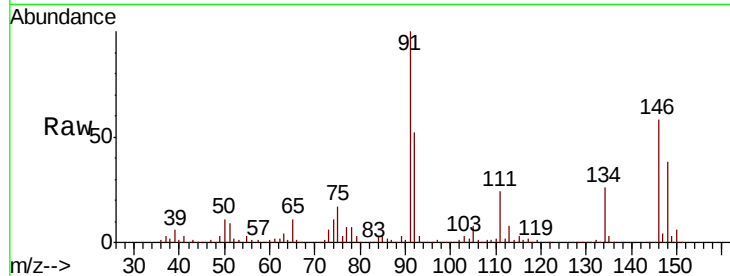
#89
n-Butylbenzene
Concen: 18.993 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	27.3	81.9
134	25.7	13.6	40.7

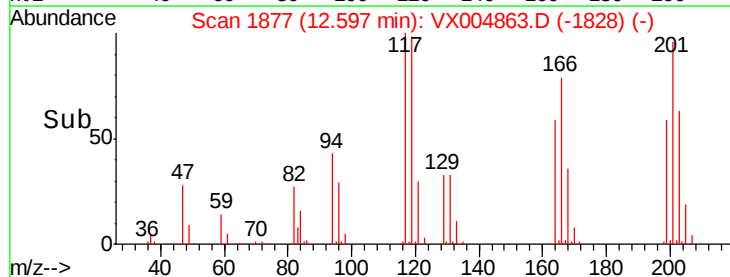
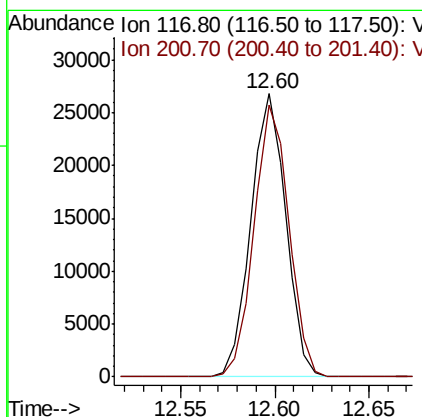
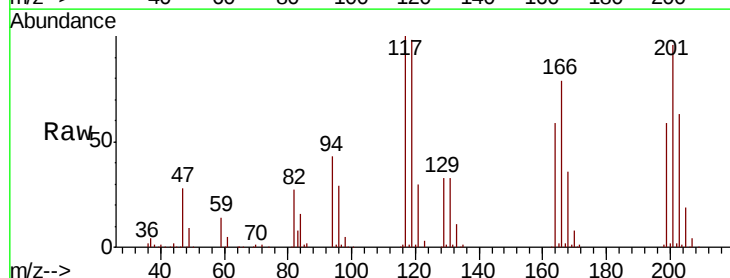
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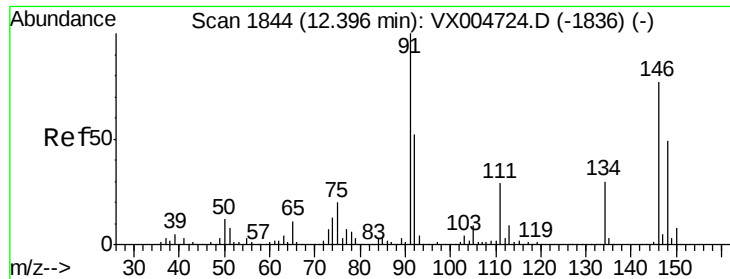
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#90
Hexachloroethane
Concen: 18.196 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004863.D
Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.9	46.9	140.6





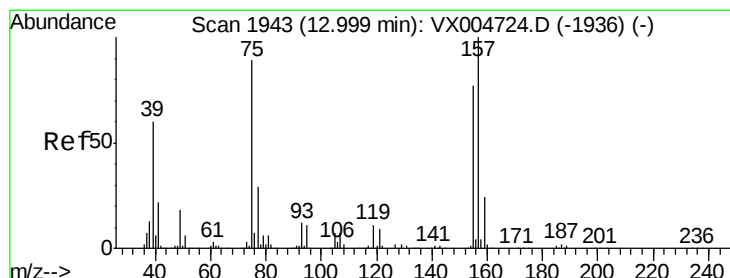
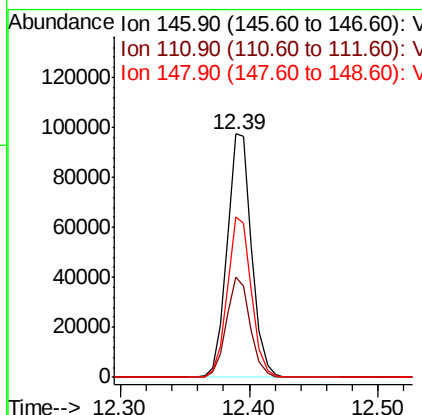
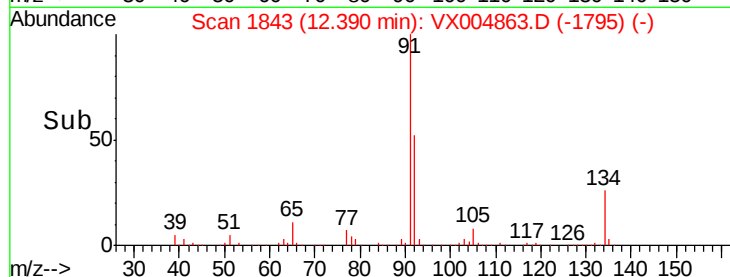
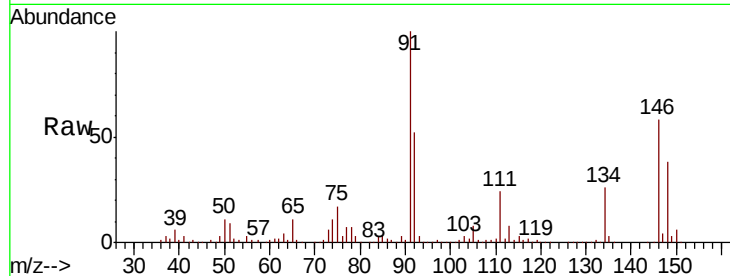
#91
 1,2-Dichlorobenzene
 Concen: 18.332 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.4	58.1
148	64.8	32.8	98.3

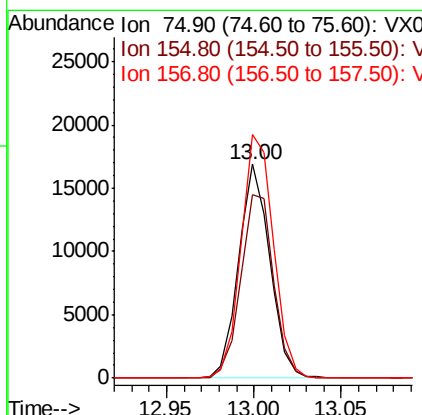
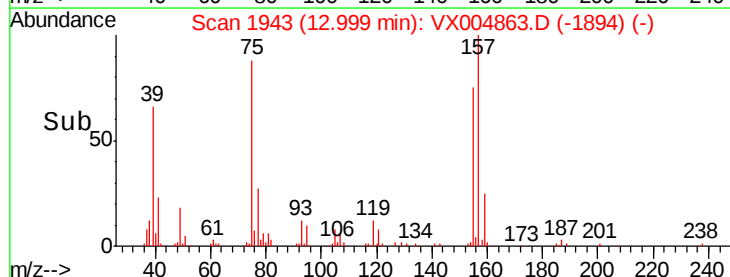
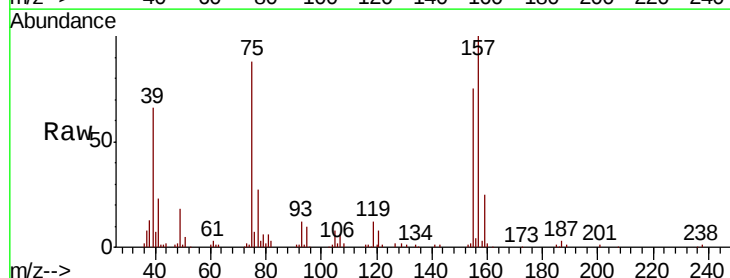
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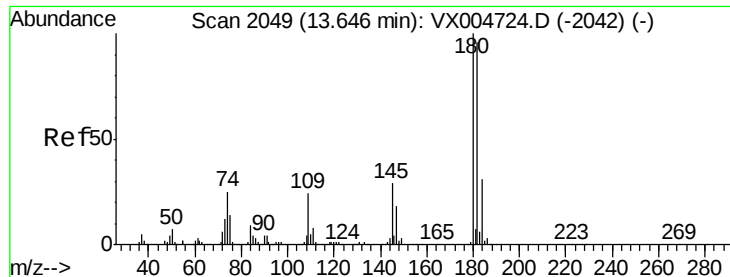
MMDadoda
 10/4/2018 7:07:51 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.722 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	48.0	144.2
157	117.7	61.4	184.1





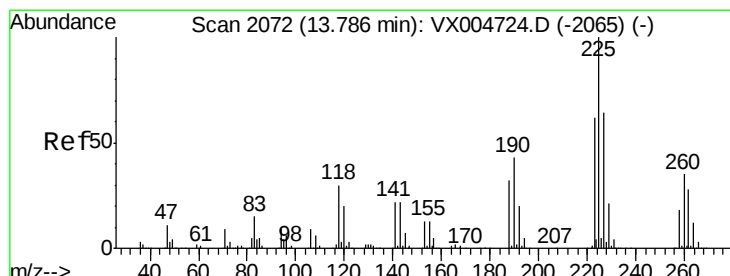
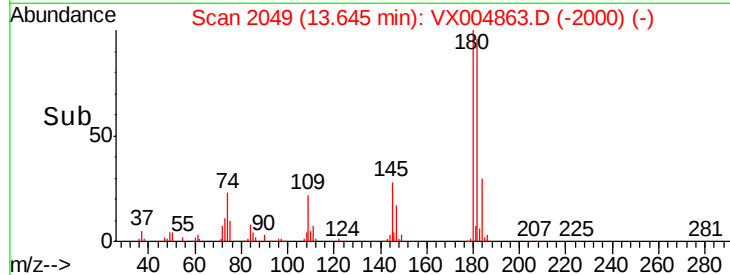
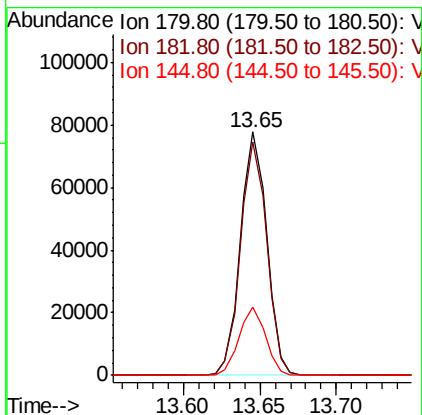
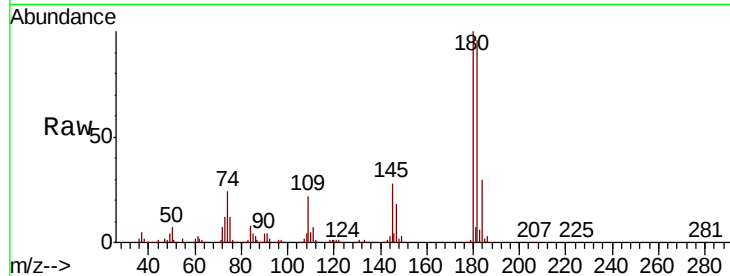
#93
 1,2,4-Trichlorobenzene
 Concen: 18.691 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	92906		
182	95.8	48.4	145.0	
145	28.2	14.3	42.9	

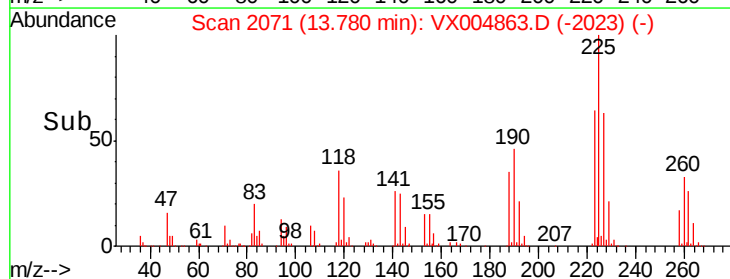
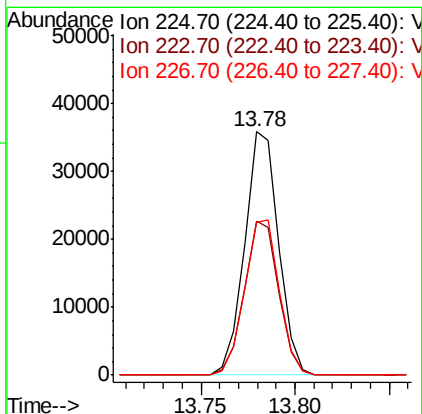
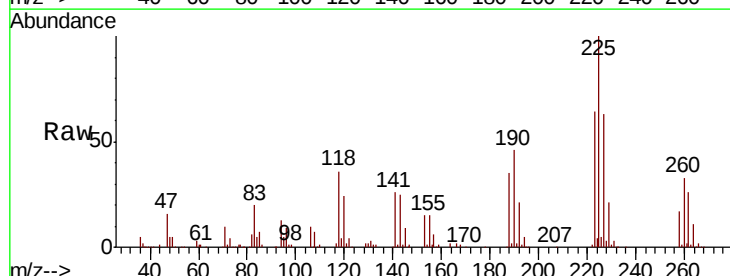
Manual Integrations
 APPROVED

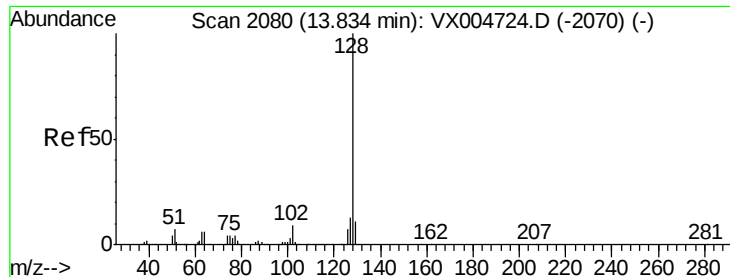
MMDadoda
 10/4/2018 7:07:51 PM



#94
 Hexachlorobutadiene
 Concen: 17.338 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX004863.D
 Acq: 01 Oct 2018 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44688		
223	64.2	30.1	90.5	
227	65.3	30.8	92.4	





#95

Naphthalene

Concen: 18.205 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Instrument :

MSVOA_X

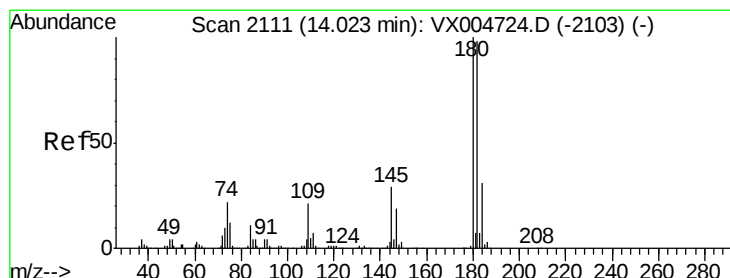
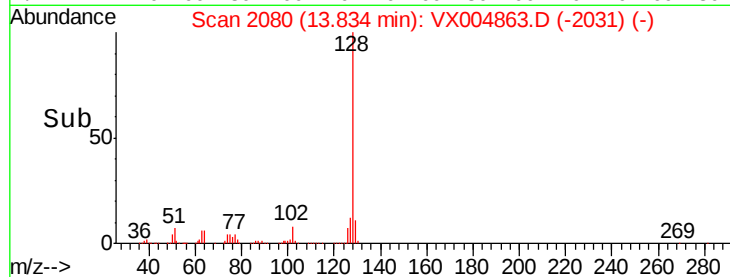
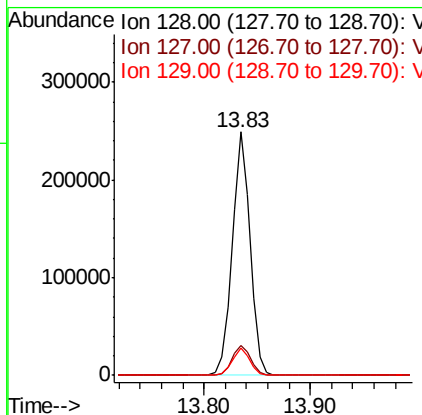
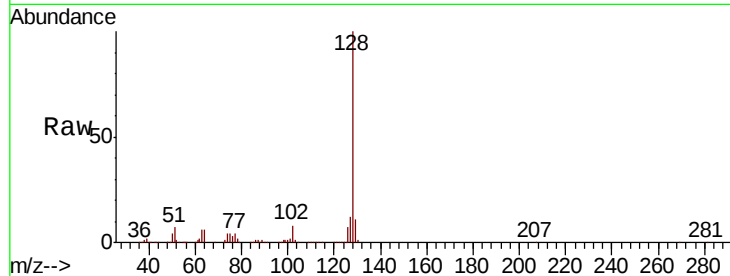
ClientSampleId :

VX1001WBSD01

Tot Ion:	128	Resp:	292677
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/4/2018 7:07:51 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.203 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX004863.D

Acq: 01 Oct 2018 11:54

Tgt Ion:	180	Resp:	98602
Ion Ratio	Lower	Upper	
180	100		
182	93.9	48.5	145.6
145	29.7	14.9	44.9

